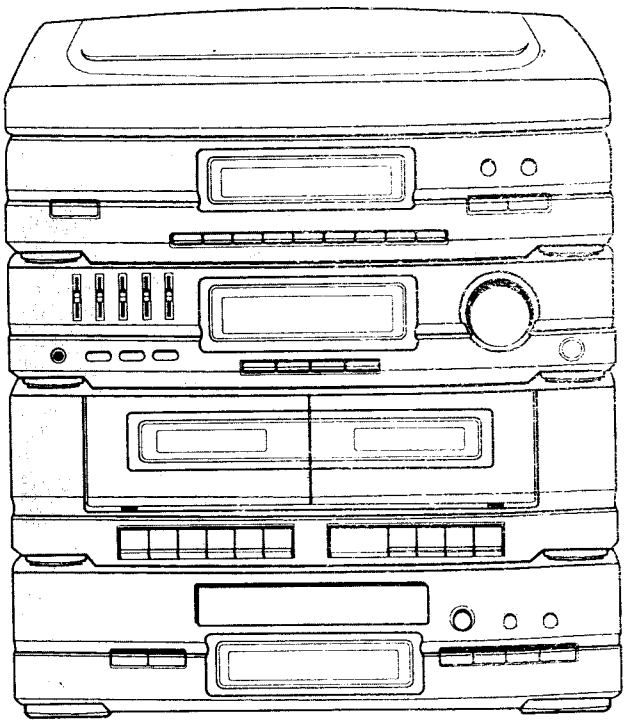
GoldStar

COMPACT DISC STEREO SYSTEM

SERVICE MANUAL

CAUTION

BEFORE SERVICING THE CHASSIS, READ THE "SAFETY PRECAUTION" IN THIS MANUAL



MODEL :

FMH-49A/FMH-49L
FFH-49A/FFH-49L

GoldStar

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SAFETY PRECAUTION

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These characteristics are often passed unnoticed by a visual inspection and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in this manual, electrical components having such features are identified by a ⚠ in the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts which do not have the same safety characteristics as specified in the parts list may create chock, fire or other hazards.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING
This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

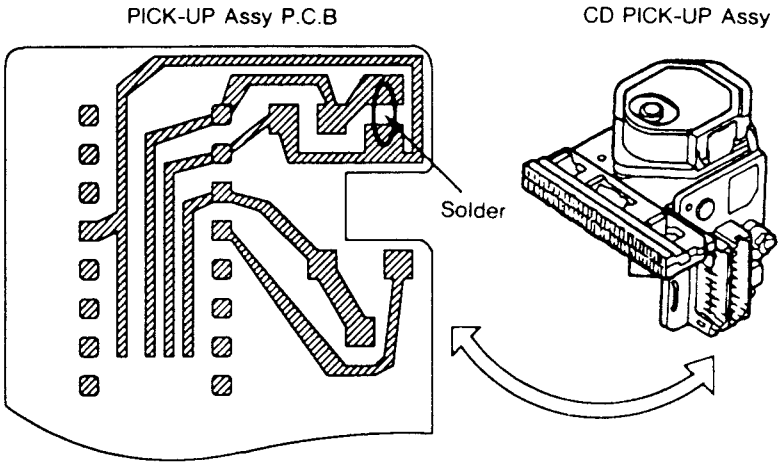
WARNING!!
WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.

SERVICE INSTRUCTIONS

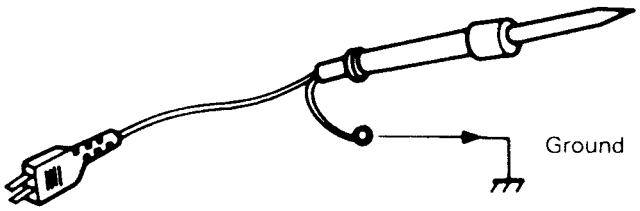
PRECAUTION TO REPLACE OPTICAL BLOCK

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in right figure.



To prevent electrostatic breakdown, laser diode and ground are connected with solder.
NOTE : When removing solder, be sure to use a grounded solder-iron, to prevent electrostatic breakdown.



CAUTION FOR HANDLING THE OPTICAL PICK-UP

The laser diode in the optical pick-up block may suffer electrostatic breakdown because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body. So, when handing a pick-up, the procedure for grounding as follows is required to prevent damage caused by static electricity.

1. Grounding for Human Body.
   Be sure to put on a wrist-strap for grounding (with impedance lower than $10^6\Omega$) whose other end is grounded. The strap works to drain away the static electricity build-up on the human body.
2. Grounding For the Work Table.
   Be sure to lay on the table a conductive sheet (with impedance lower than $10^9\Omega$) such as a sheet of copper, which is grounded.
3. As static electricity build-up on clothes is not drained away, be careful not to let your clothes touch the pick-up.

SPECIFICATIONS

1. AMP SECTION

① Power Output (4Ω, 2 channel, T.H.D. 10%) ····· 20W+20W
② T.H.D. ····· 0.5%
③ Frequency Response (3dB down) ····· 20Hz~30kHz
④ Signal-to-noise Ratio ····· 85dB
⑤ Crosstalk 100Hz/1kHz/10kHz ····· 50dB/50dB/50dB

2. TUNER SECTION

1) FM

① Frequency Range ····· 87.5MHz~108MHz
② Intermediate Frequency ····· 10.7MHz
③ Sensitivity 90MHz/98MHz/106MHz ····· 8dB/8dB/9dB
④ Signal-to-noise Ratio 98MHz (Mono/Stereo) ····· 70dB/65dB
⑤ Image Rejection 98MHz ····· 45dB
⑥ IF Rejection 98MHz ····· 60dB
⑦ Distortion 98MHz (Mono/Stereo) ····· 0.5%/0.8%
⑧ Frequency Response (-3dB) ····· 30Hz~14,000Hz
⑨ Separation 100kHz/1kHz/10kHz ····· 30dB/35dB/30dB

2) MW

① Frequency Range ····· 522kHz~1,611kHz
② Intermediate Frequency ····· 450kHz
③ Usable Sensitivity 603kHz, 999kHz, 1404kHz ····· 55dB
④ Image Rejection 1,404kHz ····· 30dB
⑤ IF Rejection 603kHz ····· 40dB
⑥ Selectivity 999kHz ····· 35dB
⑦ Signal-to-noise Ratio 999kHz ····· 35dB
⑧ Distortion 999kHz ····· 2.0%
⑨ Frequency Response (-6dB) ····· 70Hz~2,300Hz

3) LW (OPTION)

① Frequency Range ····· 144kHz~288kHz
② Intermediate Frequency ····· 450kHz
③ Usable Sensitivity 164kHz, 200kHz, 254kHz ····· 64dB
④ Image Rejection 164kHz, 200kHz, 254kHz ····· 30dB
⑤ Selectivity 200kHz ····· 35dB
⑥ Signal-to-noise Ratio 200kHz ····· 35dB
⑦ Distortion ····· 2.0%
⑧ Frequency Response (-6dB) ····· 70Hz~2,300Hz

3. DECK SECTION

① Tape Speed (MTT-111) ····· 3kHz ± 1%
② Wow and Flutter (MTT-111) ····· 0.25%
③ Fast Forward and Rewind Time (C-60) ····· 150sec
④ Frequency Response (4dB Range) ····· 125Hz~8kHz
⑤ Signal-to-noise Ratio (Playback/Record) ····· 50dB/45dB
⑥ Distortion (Playback/Record) ····· 1%/2%
⑦ Crosstalk ····· 55dB
⑧ Separation ····· 40dB
⑨ Erase Ratio ····· 60dB

4. CDP SECTION

① Frequency Response (80Hz~18kHz) ····· ± 1dB
② Signal-to-noise Ratio ····· 68dB
③ Dynamic Range ····· 65dB
④ T.H.D. ····· 0.5%
⑤ Separation ····· 35dB

5. RECORD PLAYER SECTION (OPTION)

① Wow and Flutter ····· 0.2%
② Speed (33 1/3, 45rpm) ····· ± 1%
③ Signal-to-noise Ratio ····· 40dB
④ Separation ····· 15dB
⑤ Channel Difference ····· 1dB
⑥ Frequency Response ····· 50Hz~15kHz

6. GENERAL

① Power Requirement ····· Refer to the back panel of unit
② Power Consumption ····· 20W
③ Dimension (Net : W × H × D) ····· 360 × 323 × 315(mm)

NOTE : Specifications are subject to change without notice in the course of product improvement.

ADJUSTMENTS

This set has been aligned at the factory and normally will not require further adjustment. As a result, it is not recommended that any attempt is made to modificate any circuit. If any parts are replaced or if anyone tampers with the adjustment, realignment may be necessary.

IMPORTANT

1. Check power-source voltage.
2. Set the function switch to band being aligned.
3. Turn volume control to minimum unless otherwise noted.
4. Keep the signal input as low as possible to avoid AGC and AFC action.

TEST & ADJUSTMENT POINT

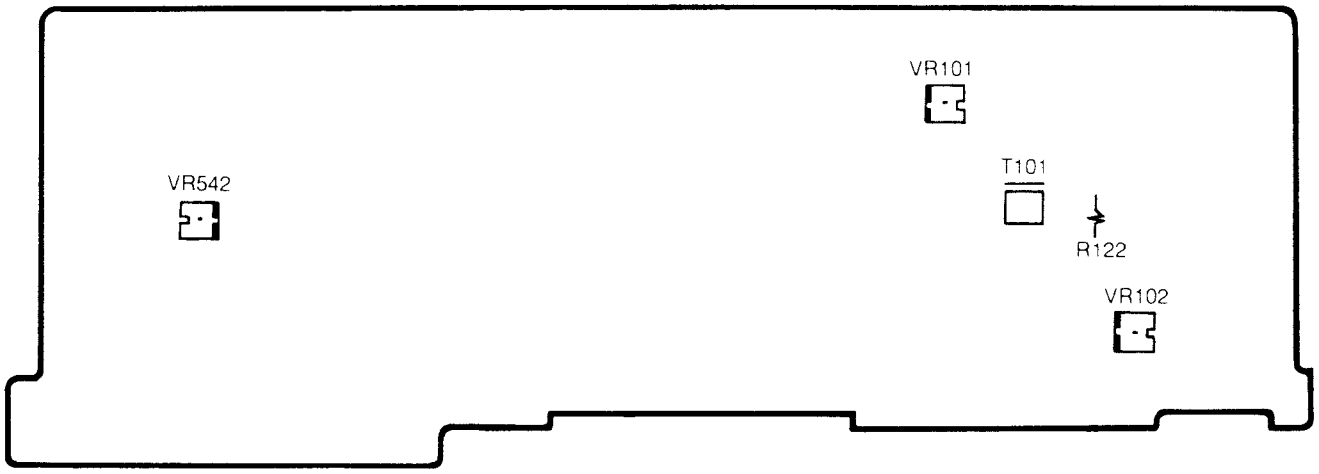


Figure 1. MAIN P.C.BOARD

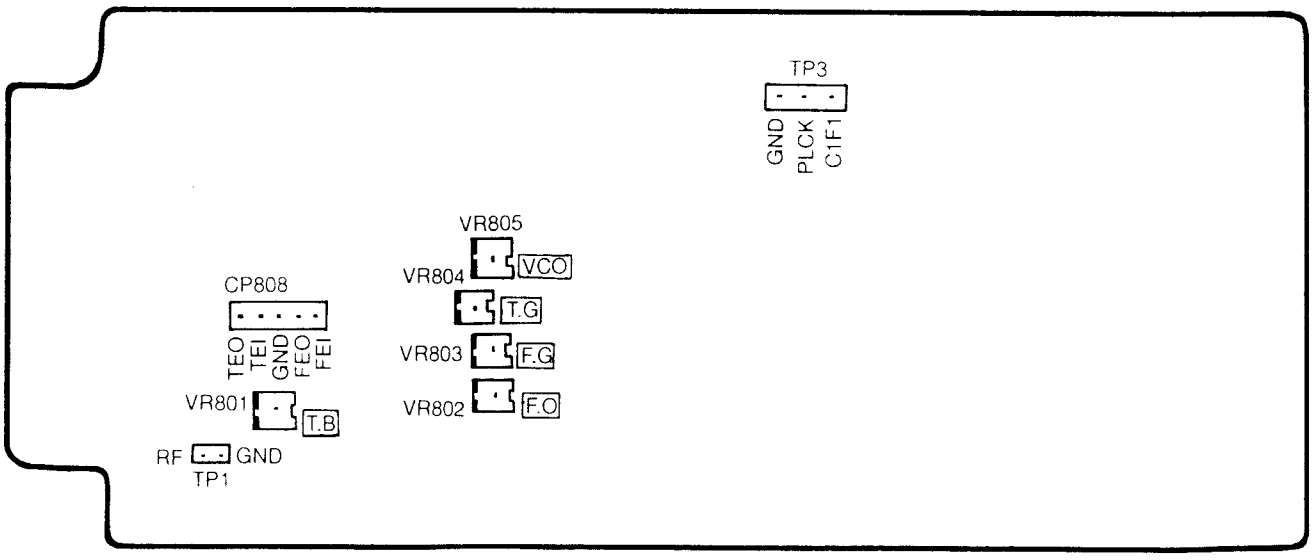


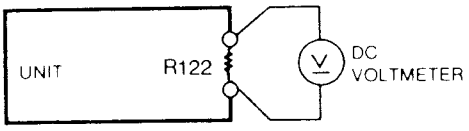
Figure 2. CD P.C.BOARD

TUNER ADJUSTMENTS

1. FM IF ADJUSTMENT

1) As The Distortion Meter Is Not Used

DC Voltmeter .....Connect to both side of the R122.

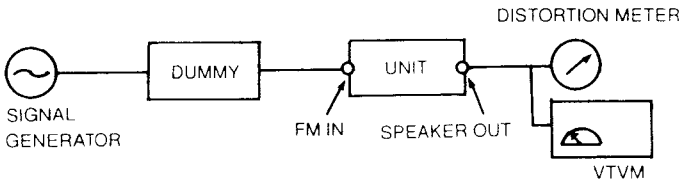


Step	Frequency	Adjust for	Adjustment
1	98MHz	DC 0V±10mV	T101
2	Repeat step 1 several times.		

Figure 3. FM IF Adjustment Connection Diagram

2) As The Distortion Meter Is Used

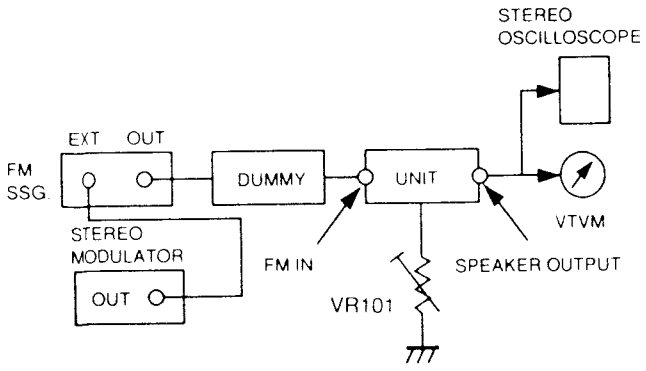
Signal Generator .....Connect to FM Antenna Terminal through the dummy.
(Adjust for the output of the generator to be 60dB at this time.)
VTVM .....Connect to the speaker terminal.
(Adjust for the indication of the VTVM to be 2V with volume.)
Distortion Meter .....Connect to the speaker terminal.
(Rotate the T101 until the distortion meter is minimum T.H.D.)



Frequency	Adjust for	Adjustment
98MHz	Minimum T.H.D.	T101

Figure 4. FM IF Adjustment Connection Diagram

2. FM MPX ADJUSTMENT-SEPARATION



Pilot Signal	Adjust for	Adjustment
ON	Difference of R and L must be maximum.	VR101

NOTE : In case of adjusting the stereo separation, if input is L (or R) channel, R (or L) channel must be maximum.

Figure 5. FM MPX Adjustment Connection Diagram

3. FM STEREO BEACON SENSITIVITY ADJUSTMENT

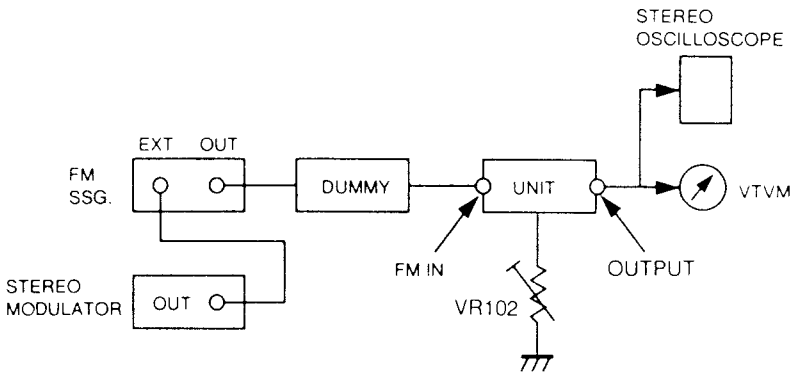


Figure 6. FM Stereo Beacon Sensitivity Adjustment Connection Diagram

Pilot Signal	Test Point	Adjust for	Adjustment
ON	Pilot Display (on LCD)	20dB±6dB	VR102

TAPE DECK ADJUSTMENTS

1. AZIMUTH ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjust for	Adjustment
Playback	MTT-114	Speaker out	Head screw	R/L Maximum

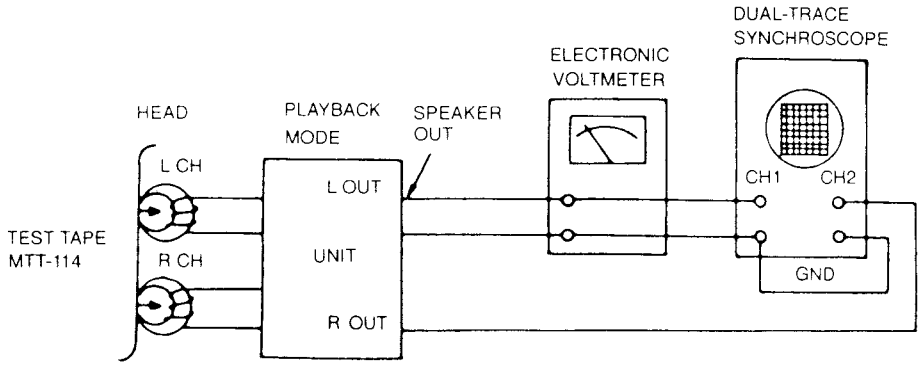


Figure 7. Azimuth Adjustment Connection Diagram

2. MOTOR SPEED ADJUSTMENT

Deck Mode	Test Tape	Test Point	Adjustment	Adjust for
Playback	MTT-111	Speaker out	VR542	3kHz±45Hz

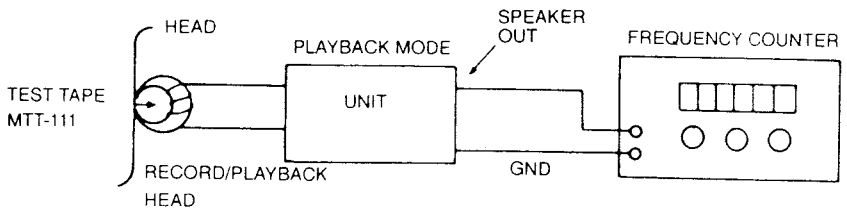
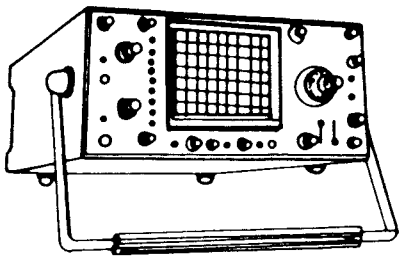


Figure 8. Motor Speed Adjustment Connection Diagram

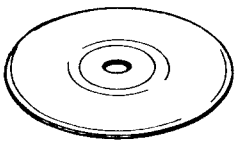
CDP ADJUSTMENTS

1. METER AND JIG FOR ADJUSTMENT

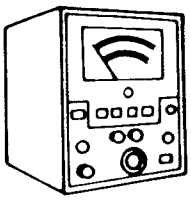
1-1. Oscilloscope



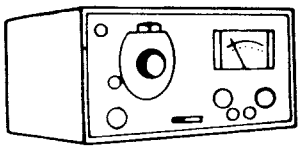
1-2. Test disc
(Sony type 4 : YEDS-18)



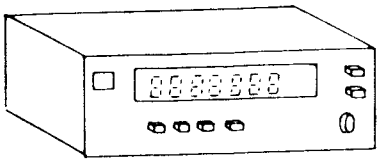
1-3. Jitter meter



1-4. Low frequency oscillator

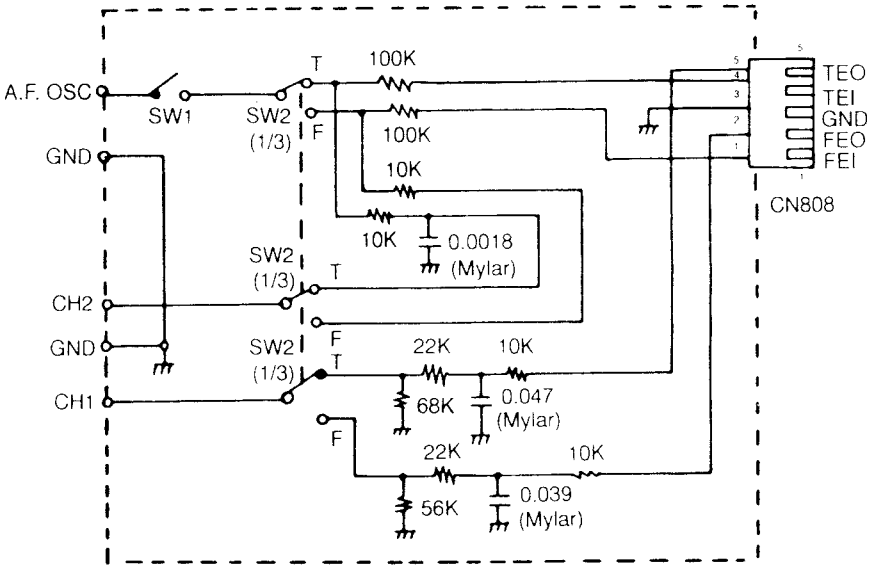


1-5. Digital frequency counter



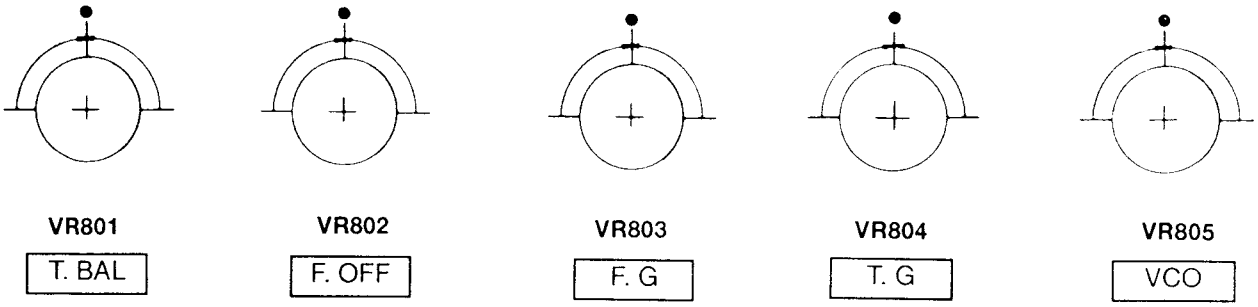
1-6. 10:1 Oscilloscope probe
1:1 Oscilloscope probe

1-7. Focus & tracking gain adjustment jig



2. INITIAL SETTING OF ADJUSTMENT POTENTIOMETERS

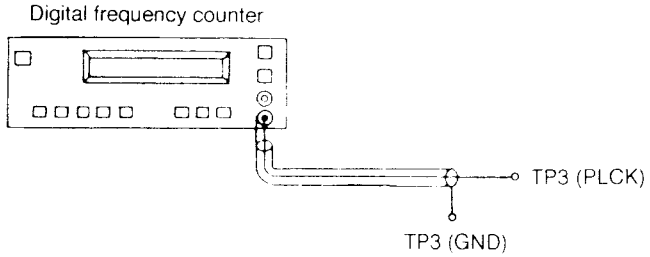
Before adjusting, preset adjustment potentiometers like below.



VR801	VR802	VR803	VR804	VR805
T. BAL	F. OFF	F. G	T. G	VCO

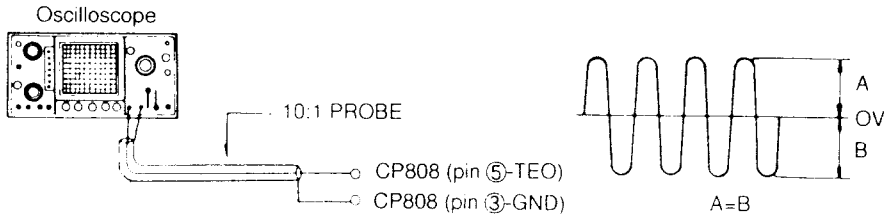
3. PLL (VCO) ADJUSTMENT

(1) Connect digital frequency counter to TP3 (PLCK) and TP3 (GND).
(2) Shortcircuit TP2 (ASY) and TP2 (GND).
(3) Adjust VR805 so that the frequency counter reading becomes 4.7MHz (±10kHz).
(4) Opencircuit TP2 (ASY) and TP2 (GND).



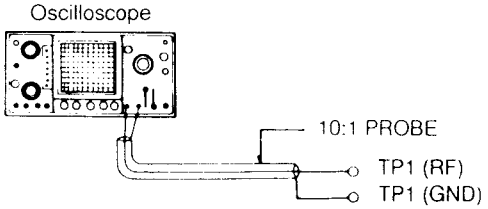
4. E-F BALANCE ADJUSTMENT

(1) Connect the oscilloscope to CP808 (pin ⑤-TEO) and CP808 (pin ③-GND).
(2) Place test disc on turntable and play test disc (YEDS-18) music number 12.
(3) Minimise volume VR804.
(4) Adjust VR801 so that the amplitude above and below the zero DC line becomes equal (amplitude A=B).
(5) Set the volume VR804 to center.



5. FOCUS OFFSET ADJUSTMENT (without jitter meter)

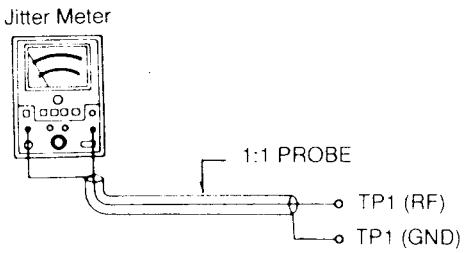
(1) Place test disc on the turntable.
(2) Put unit into play mode.
(3) Connect oscilloscope to TP1 (RF) and TP1 (GND).
(4) Adjust VR802 so that eye pattern become clear and waveform (Vp-p) is maximum.



NOTE : When confirming eye pattern, you have to use 10:1 probe.

6. FOCUS OFFSET ADJUSTMENT (with jitter meter)

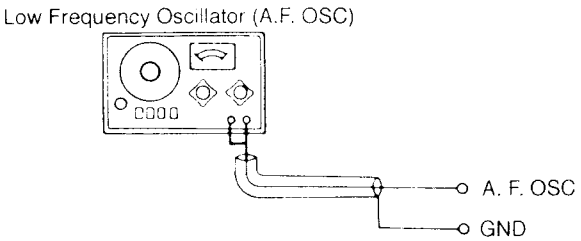
(1) Connect the jitter meter to TP1 (RF) and TP1 (GND), set the input selection switch of jitter meter to position of "x1".
(2) Place test disc on the turntable.
(3) Put unit into play mode.
(4) Adjust VR802 so that the jitter meter reading is minimum.



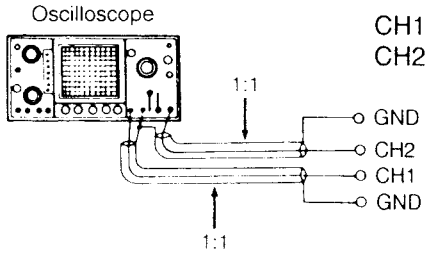
NOTE : Jitter meter must have input "× 1" mode selection switch.

7. FOCUS GAIN ADJUSTMENT (with jig)

(1) Connect CN808 from gain adjustment jig to CP808 on the CD P.C. board pin to pin.
(2) Connect audio frequency oscillator to A.F. OSC terminal and GND on the gain adjustment jig. Set the audio frequency oscillator output to 600Hz, 4 V_{RMS}.

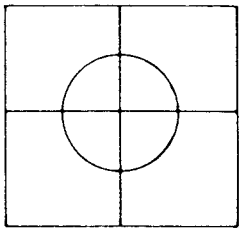


(3) Connect oscilloscope to CH1, CH2 and GND on the main P.C. board.

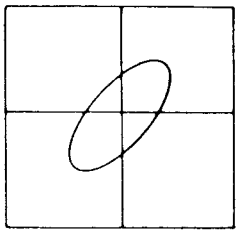


CH1 : 50mV/div, AC MODE
CH2 : 2V/div, AC MODE

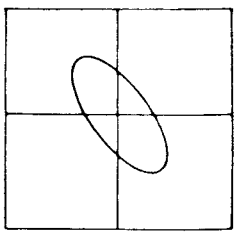
(4) Insert test disc and put unit into play mode on track.
(5) Set switch SW2 on the gain adjustment jig to the position of "F".
(6) Set switch SW1 on.
(7) Adjust VR803 so that the waveform on the oscilloscope becomes like below.



Good adjustment
(Optimum focus gain)



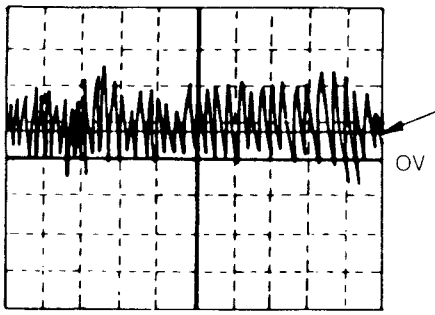
Bad adjustment
(In the case of low focus gain)



Bad adjustment
(In the case of high focus gain)

8. FOCUS GAIN ADJUSTMENT (without jig)

(1) Connect the oscilloscope to CP808 (pin ②-FEO) and CP808 (pin ③-GND).
(2) Insert test disc and put unit into play mode on track.
(3) Adjust VR803 so that the waveform on the oscilloscope becomes like below.

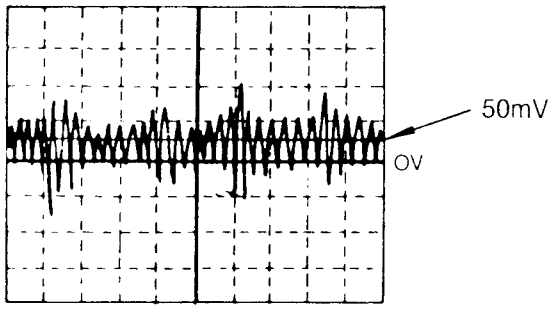


100mV/div. : Volt/div.
2mS/div. : Time/div.

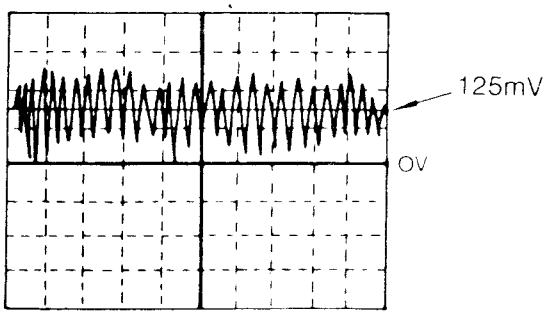
80mV (The DC level of FEO waveform)

NOTE : According to VR803 setting position, DC level of waveform varies.

Good adjustment
(Optimum focus gain)



Bad adjustment
(In the case of high focus gain)

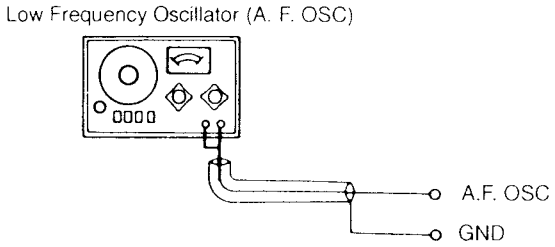


Bad adjustment
(In the case of low focus gain)

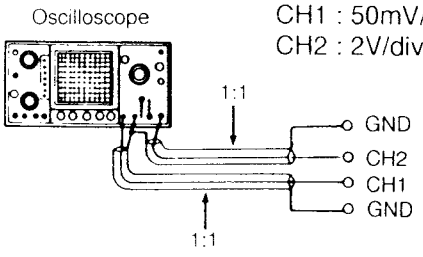
(4) This method will be convenient in the field. In spite of simple method, this method will not make serious problems.

9. TRACKING GAIN ADJUSTMENT (with jig)

(1) Connect CN808 from gain adjustment jig to CP808 on the CD P.C. board pin to pin.
(2) Connect audio frequency oscillator to A.F. OSC terminal and GND on the gain adjustment jig. Set the audio frequency oscillator output to 600Hz, 4 V_{RMS}.

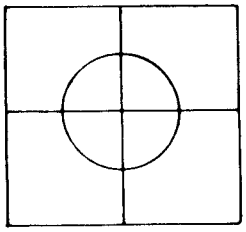


(3) Connect oscilloscope to CH1, CH2 and GND on the main P.C. board.

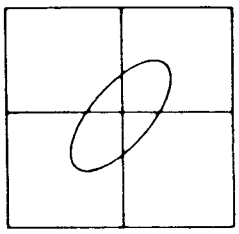


CH1 : 50mV/div, AC MODE
CH2 : 2V/div, AC MODE

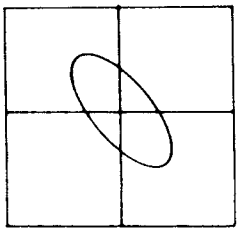
(4) Insert test disc and put unit into play mode on track.
(5) Set switch SW2 on the gain adjustment jig to the position of "T".
(6) Set switch SW1 on.
(7) Adjust VR804 so that the waveform on the oscilloscope becomes like below.



Good adjustment
(Optimum tracking gain)



Bad adjustment
(In the case of low tracking gain)



Bad adjustment
(In the case of high tracking gain)

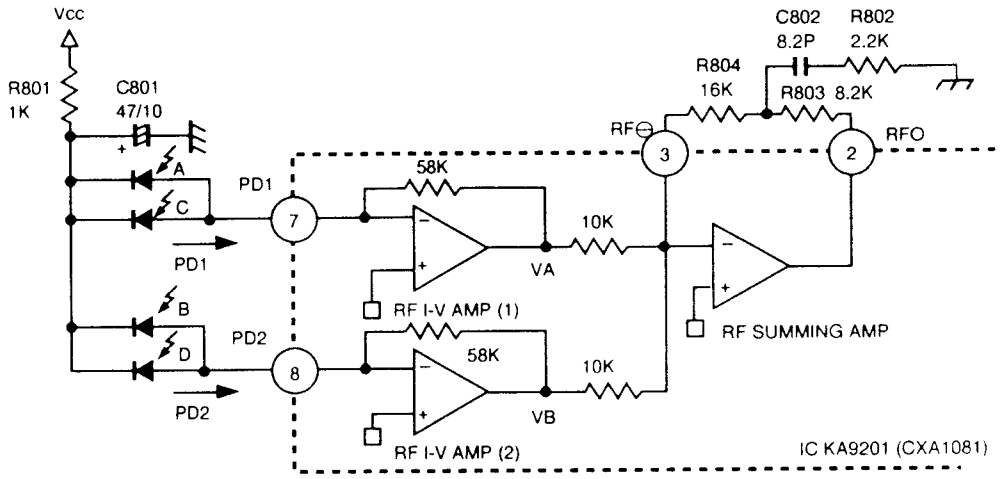
10. FOCUS OFFSET CONFIRMATION (at pin FEO of CP808)

(1) If the focus offset is more than 200mV, readjust to 200mV.
(2) If the focus offset is less than 200mV, make progress as it is.

DESCRIPTION OF FUNCTIONS

1. RF AMPLIFIER

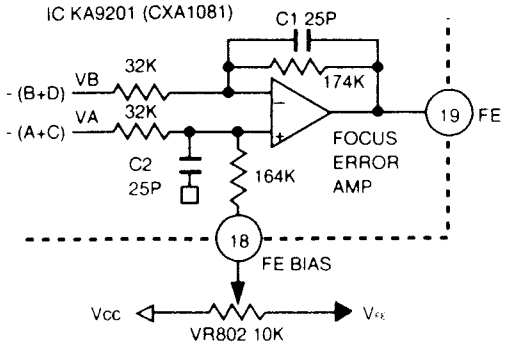
RF 1-V amplifiers (1) and (2) are converted to voltage from the signal current of pin photodiodes connected to PD1 and PD2 through the 58KΩ equivalent resistance. Furthermore, it is added in the RF summing amplifier and (A+B+C+D) is output at RFO. At this pin (RFO), the eye pattern can be checked.



The RF amplifier output voltage (low-frequency) is $V_{RFO}=2.2\times(V_A+V_B)=127.6K\Omega\times(iPD1+iPD2)$.(at RFO)

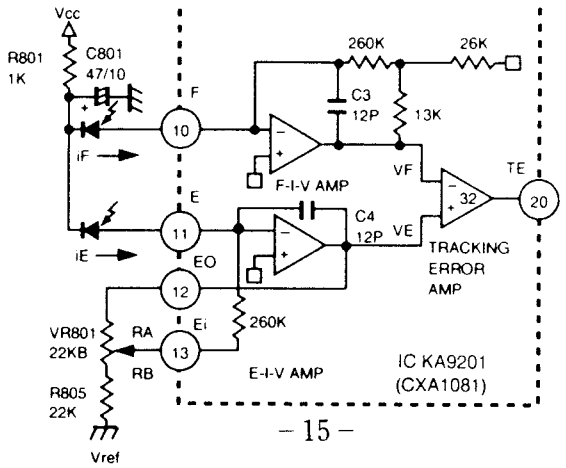
2. FOCUS ERROR AMPLIFIER

The Focus Error Amplifier is the difference between RF 1-V amplifier (1) output (A+C) and RF 1-V amplifier (2) output (B+D). The output becomes (A+C-B-D).



The FE amplifier output voltage (low-frequency) is $V_{FE}=5.4\times(V_A-V_B)=(iPD2-iPD1)\times315.4K\Omega$.
Note) Maximum common mode rejection is delivered when the composite impedance to GND is about 10KΩ at the external VR of pin ⑱ (VR resistance is about 40KΩ).

3. TRACKING ERROR AMPLIFIER



E I-V amplifier and F I-V amplifier are converted to voltage from the signal current of pin photodiode connected : E and F. The E and F I-V amplifiers output voltage is,

$V_F = iF \times 403K\Omega$, and

$V_E = iE \times 260K\Omega \times R_A(R_B+22K)+(R_A+260K)$.

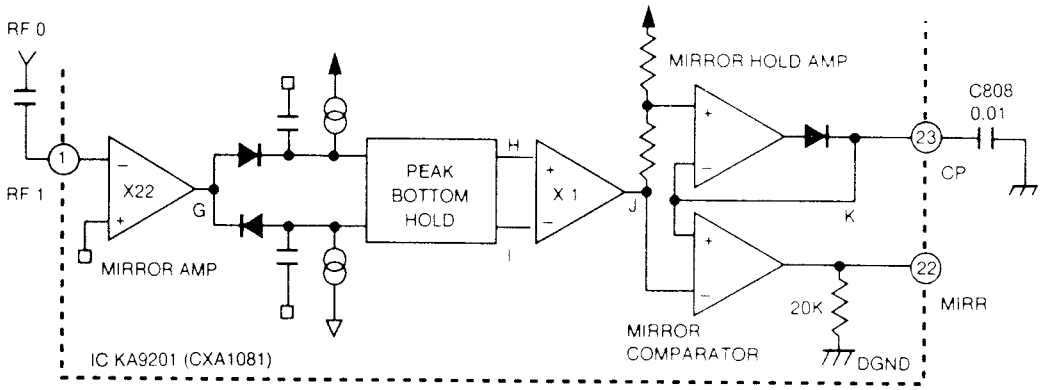
The tracking error amplifier is the difference between the E I-V amplifier ouput and the F I-V amplifier output, this output is (E-F).

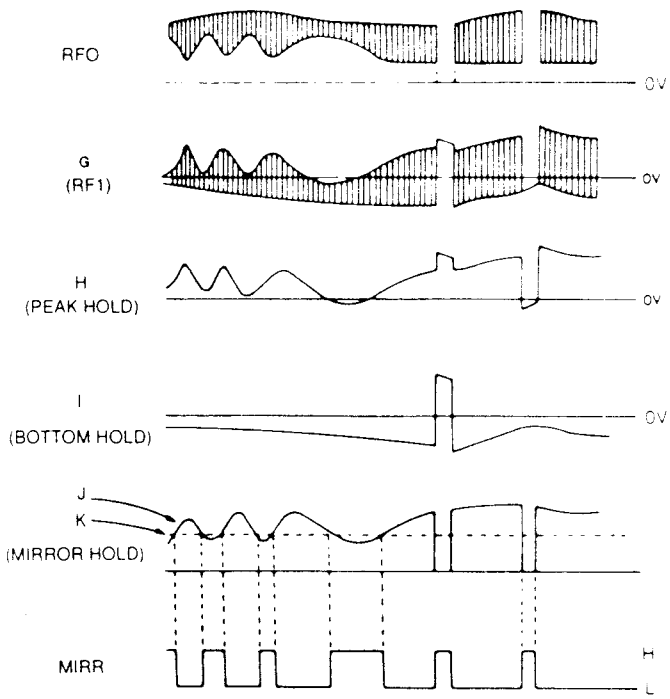
$V_{TE} = (V_E - V_F) \times 3.2$

$= (iE - iF) \times 1290K\Omega$

4. MIRROR CIRCUIT

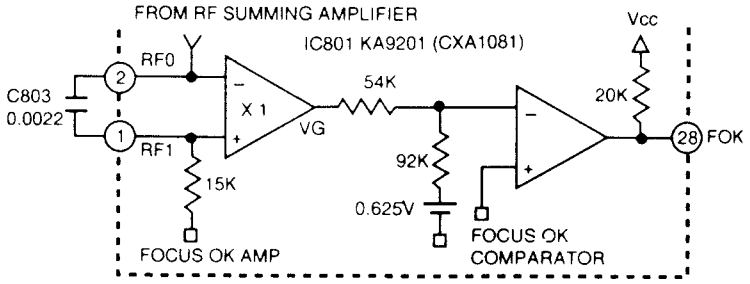
This circuit, after amplifying the RFI signal, holds its bottom and peak. The peak hold is done with a time constant able to track down a 30kHz traverse and the bottom hold. This is done with a time constant able to track down envelope fluctuations in the revolving cycle.





With the differential amplification of these peak and bottom hold signals, H and I, the envelope signal J (demodulated to DC) is obtained. Two-thirds of the peak value of this signal J is held with a large time constant for the signal K. When K is compared with J, a mirror output is obtained. That is, the mirror output gives "L" on the disc track, "H" between tracks (mirror section) and also "H" in the defect detection. The time constant for the mirror hold must be sufficiently larger than that of the traverse signal.

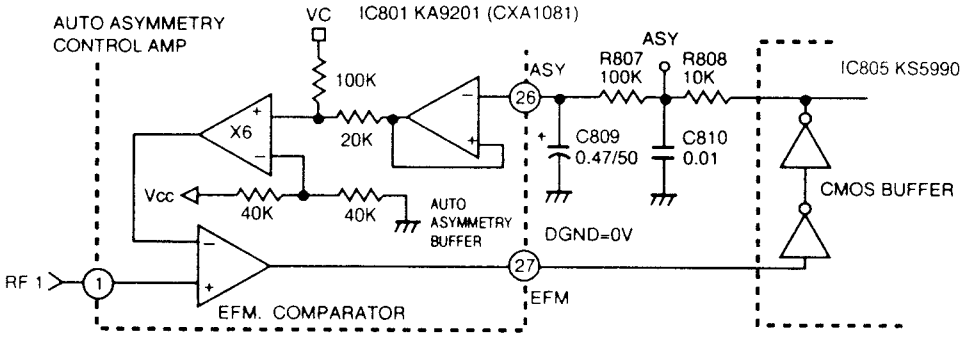
5. FOCUS OK CIRCUIT



The focus OK circuit generates a timing window to lock on the focus servo from a focus search status. Pin ① will get the HPF (High Pass Filter) output from an RF signal from Pin ②-the LPF (Low Pass Filter) output (opposit phase) for the focus OK amplifier output.
The focus OK amplifier output is inverted when V_{RFI}-$V_{RFO} \fallingdotseq$-0.37V.
C803 is for determining the time constants of HPF in the EFM comparator and mirror circuits as well as LPF in the focus OK amplifier. When 0.0022μF is selected for C803, fc (cut-off frequency)=1kHz, prevents the block error rate from degenerating as a damaged RF envelope results from the scratched disc, etc.

6. EFM COMPARATOR

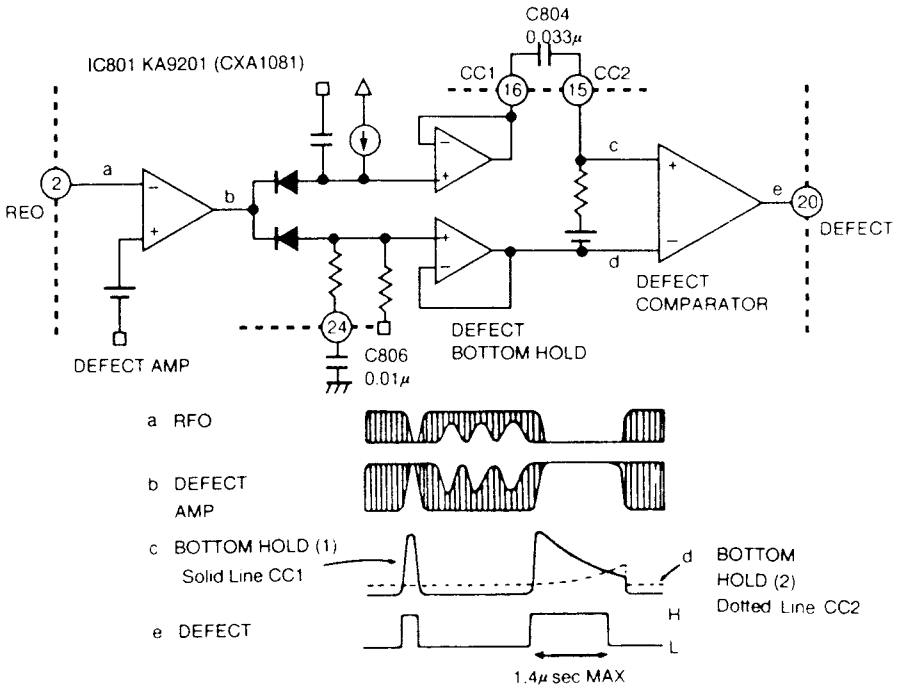
The EFM comparator changes RF signal into a binary value. As the asymmetry generated due to variations in disc manufacturing cannot be eliminated by the AC coupling alone, the reference voltage of EFM comparator is controlled utilizing the fact that the generation probability of 1, 0 is 50% each in the binary EFM signals.



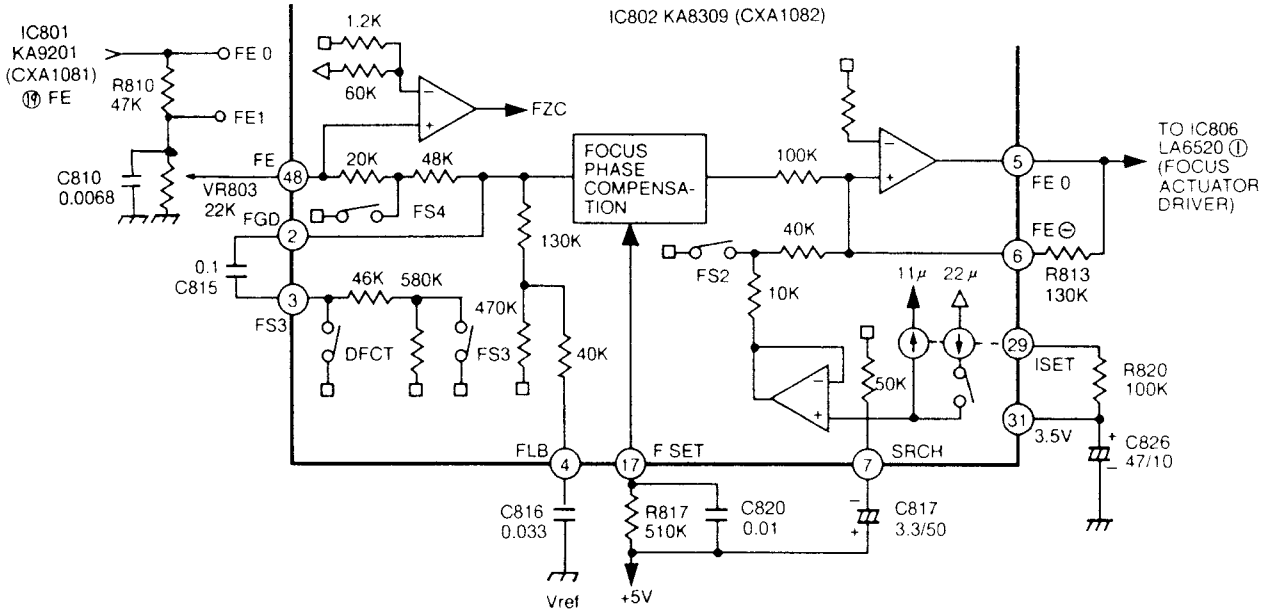
As this comparator is a current SW type, each of the H and L levels does not equal the power supply voltage, requiring feedback through a CMOS buffer.
R807, R808, C809 and C810 form a LPF to obtain (V_{CC}+DGND)/2V. When fc (out-off frequency) is made more than 500Hz, the EFM low-frequency component leaks dably, degenerating the block error rate.

7. DEFECT CIRCUIT

The RFI signal bottom, after being inverted, is held with two time constants, one long and one short. The short time-constant bottom hold is done for a disc mirror defect more than 0.1m sec. The long time-constant bottom hold is done with the mirror level prior to the defect. By differentiating this with a capacitor coupling and shifting the level, both signals are compared to generate the mirror defect detection signal.



8. FOCUS SERVO SYSTEM



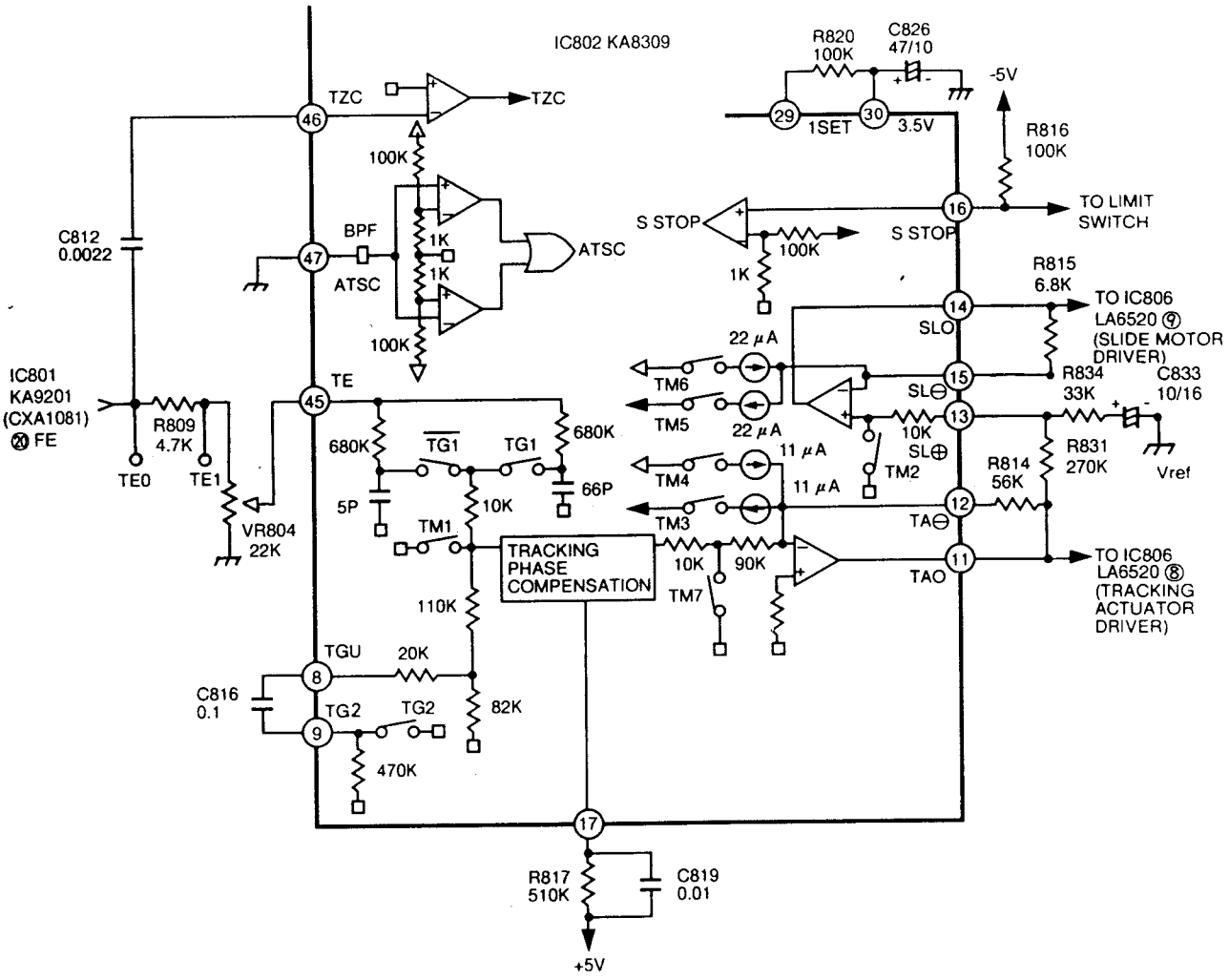
The above is a block diagram of the focus servo system. When FS3 is switched on, the high frequency gain can be reduced by forming a low frequency time constant through a capacitor connected across pins 2 and 3 and the internal resistor.

The capacitor across the pin 10 and GND has a time constant to raise the low frequency usually playback condition. The peak frequency of the focus phase compensation is inversely proportional to the resistor connected to pin 17 (about 1.2kHz when the resistor is 510KΩ).

The focus search peak becomes about ±1.1Vp-p with the above constant. The peak is inversely proportional to the resistor connected across the pins 29 and 31. However, when this resistor is varied, the peaks of track jump and sled kick also vary.

The FZC comparator invert input is set to 2% of the difference between the reference voltage Vcc and VC (pin 1) : 2% × (Vcc-VC).

9. TRACKING SERVO SYSTEM



The above is a block diagram of the tracking sled servo system.
The capacitor across pins 8 and 9 has a time constant to lower the high frequency when TG2 is switched off. The tracking phase compensation peak frequency is inversely proportional to the resistor connected to pin 17 (about 1.2kHz when the resistor is 510KΩ).
For a tracking jump in the FWD or REV direction, TM3 or TM4 are set to ON. At this time, the peak voltage fed to the tracking coil is determined by the TM3 and TM4 current values and the feedback resistor from pin 12.
That is :

Track jump peak voltage=TM3 (TM4) current value × feedback resistor value

The FWD or REV sled kick is done by setting TM5 or TM6 to ON. At this time, the peak voltage added to the sled motor is determined by the TM5 or TM6 current value and the feedback resistor from pin 15.

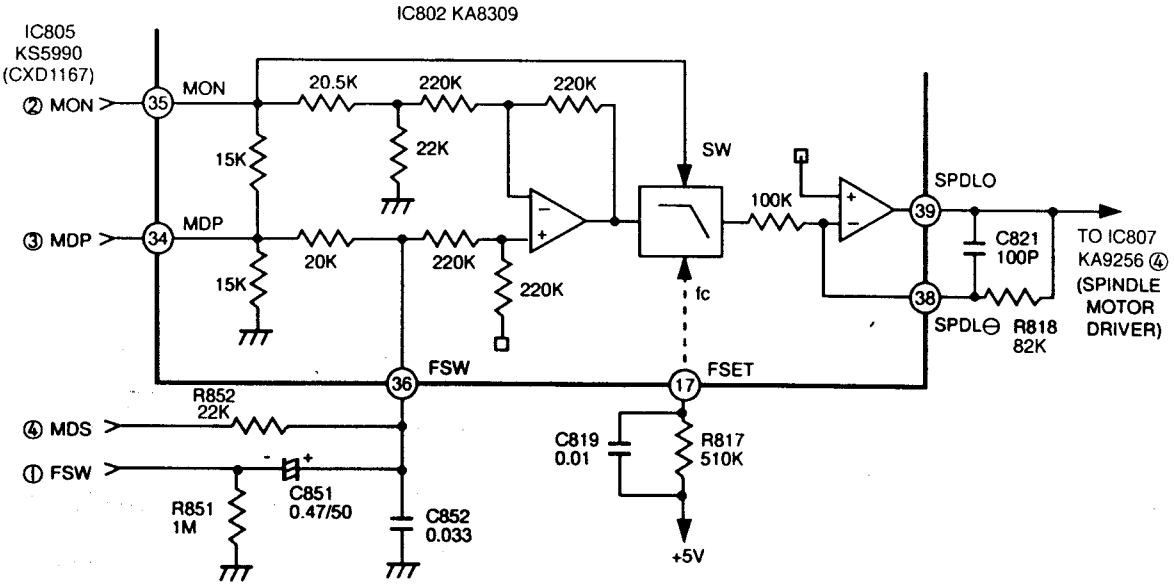
Sled jump peak voltage=TM5 (TM6) current value × feedback resistor value

Each SW current value is determined by the resistor connected to pins 29 and 31.
When the resistor is at about 120KΩ.

TM3 or TM4 is ±11μA and TM5 or TM6 is ±22μA.

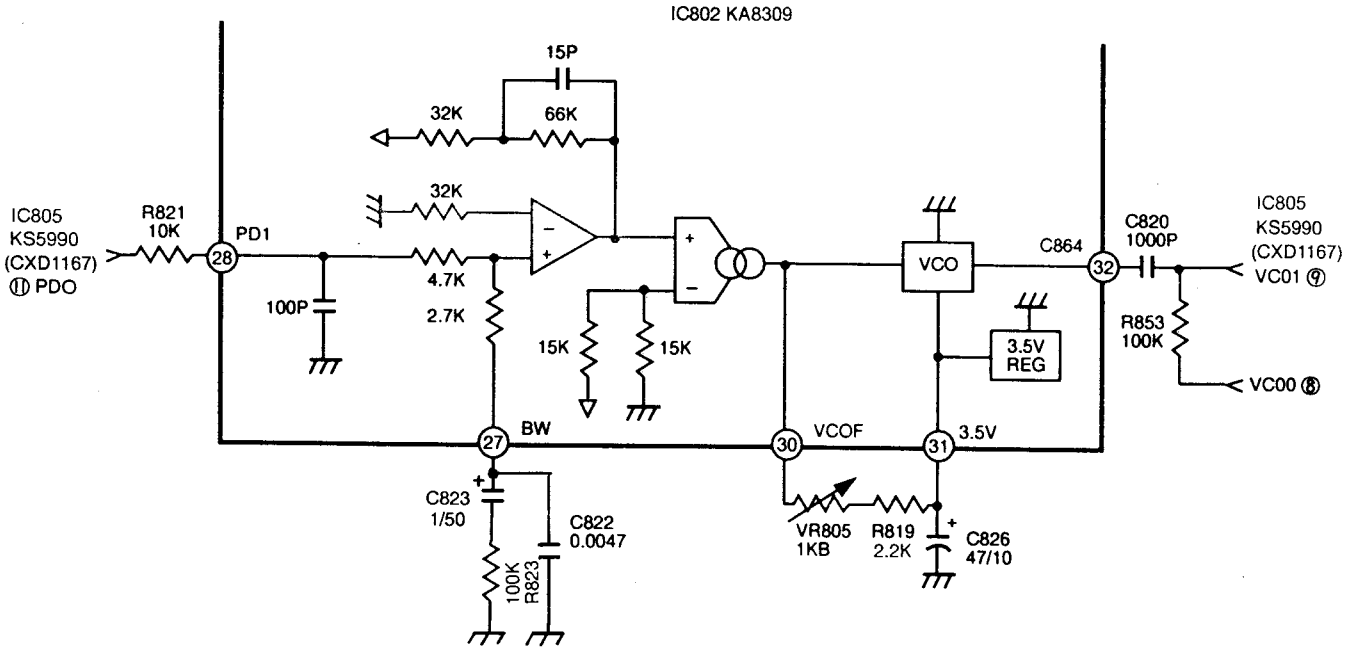
This current value is almost inversely proportional to the resistor, variable within a range of about 5 to 40μA for TM3.
S STOP is the ON/OFF detection signal for the limit SW of the sled motor's innermost circumference.

10. SPINDLE SERVO AND LPF



The 200HZ LPF is formed with 0.033μ Fand 20KΩ connected to pin 36 and the secondary LPF is formed with the built-in LPF (fc up to 200Hz with 510KΩ for pin 17), and the carrier component of the CLV servo error signals MDS and MDP is eliminated.
In the CLV-S mode, FSW becomes L and the pin 36 LPF fc lowers, strengthening the filter further. With the pin 17 resistor connected to Vcc, fc does not vary with power supply voltage fluctuations.

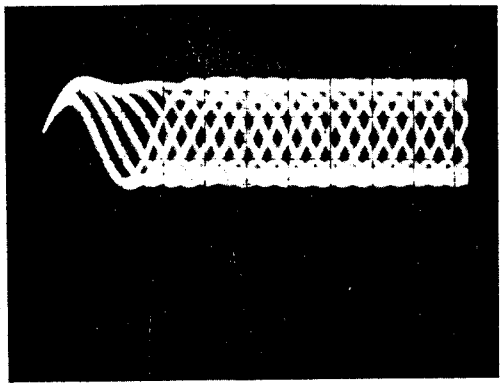
11. VCO LOOP FILTER & 8.64MHz VCO



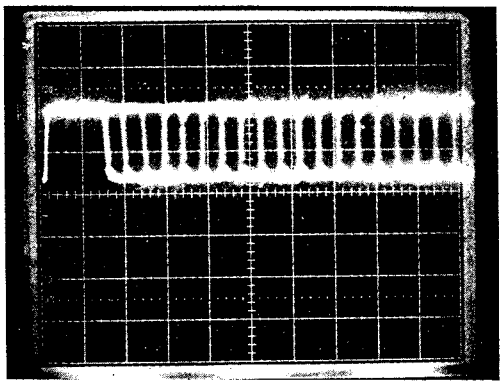
The phase compensation output PDD input from pin 38 has its PWM carrier component removed in the loop filter. Then, the V-I conversion is made and the free-running frequency setting current from pin 30 is added to control the VCO frequency. The VCO self-running frequency is almost inversely proportional to the resistor across pins 30 and 31. This resistor is set so that the PLL capture range center matches the 4. 3218MHz at pin 70 of the KS5990 (CXD1167).

WAVEFORMS OF MAJOR CHECK POINTS

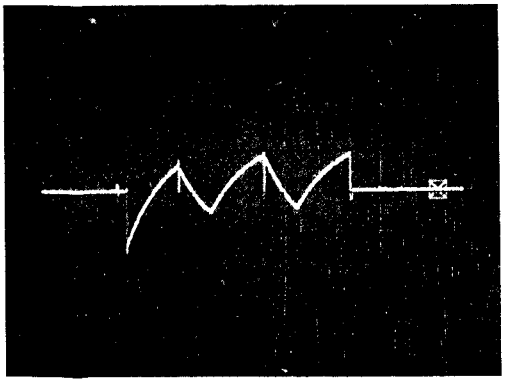
1. HF signal (RF signal) waveform (test point TP1) during normal play



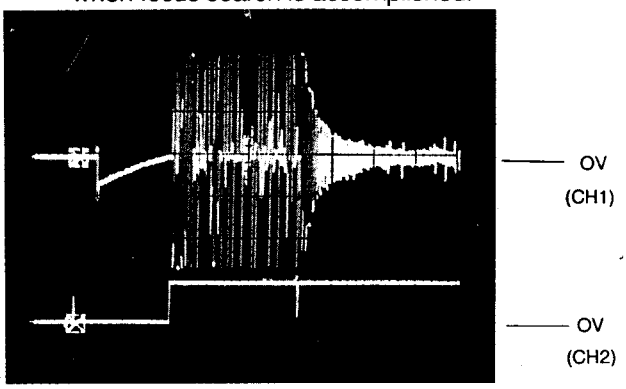
2. EFM signal (pin NO. ㉗ of IC801) waveform during normal play



3. Focus coil drive waveform (pin NO. ③ of IC807)
   - When focus search failed or there is no disc on the tray.

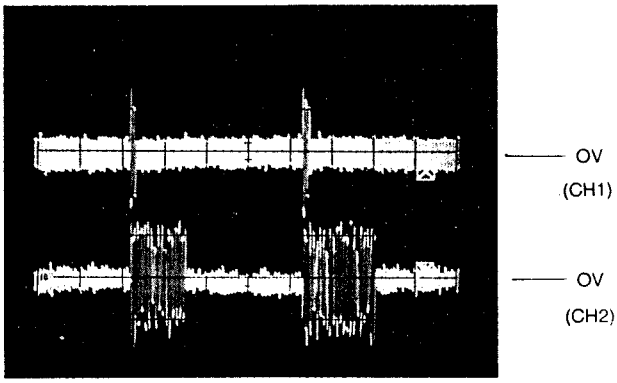


- Focus coil drive waveform (pin NO. ③ of IC807) and FOK (pin NO. ㉘ of IC801) when focus search is accomplished.



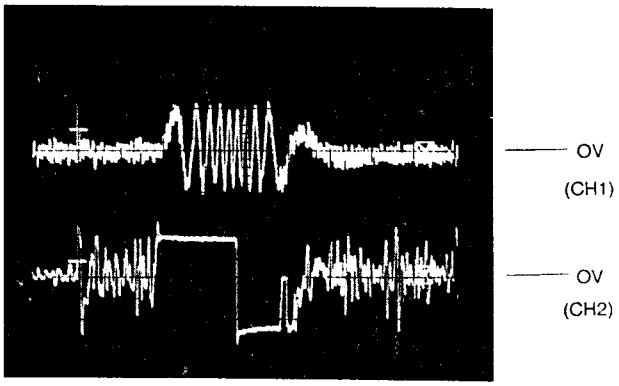
CH1 : FOCUS COIL DRIVE SIGNAL
2V/Div.
CH2 : FOK

4. Tracking coil drive waveform (pin NO. ⑥ of IC807) and TEO during track traverse
   (1) When time division is 20mS/div.



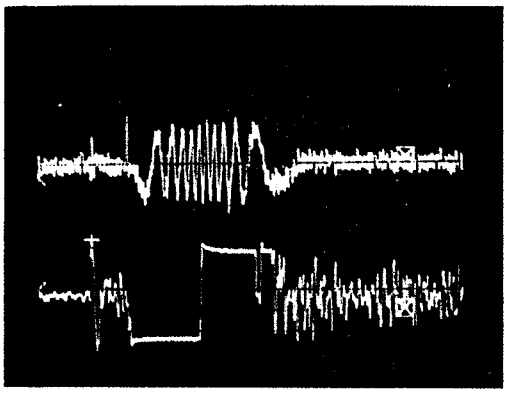
CH1 : TEO
1V/Div.
CH2 : TRACKING COIL DRIVE SIGNAL
2V/Div.

(2) When time division is 0.5mS/div. (During forward track traverse)



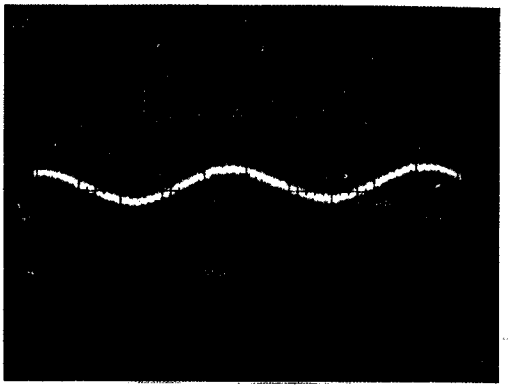
CH1 : TEO
1V/Div.
CH2 : TRACKING COIL DRIVE SIGNAL
2V/Div.

(3) When time division is 0.5mS/div.
(During backward track traverse)



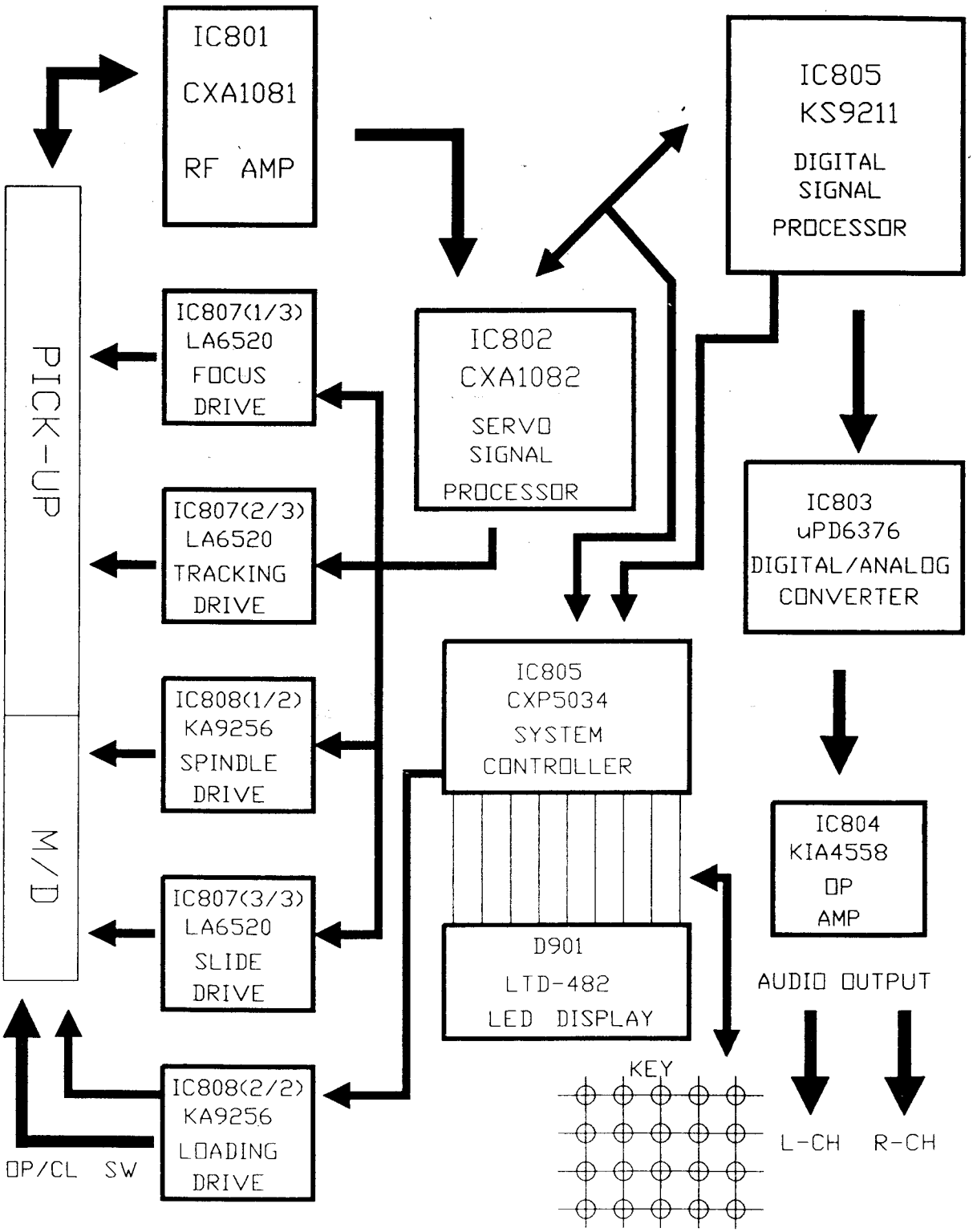
CH1 : TEO
1V/Div.
CH2 : TRACKING COIL DRIVE SIGNAL
2V/Div.

5. Feed motor drive waveform (pin NO. ⑪ of IC807) During normal play.



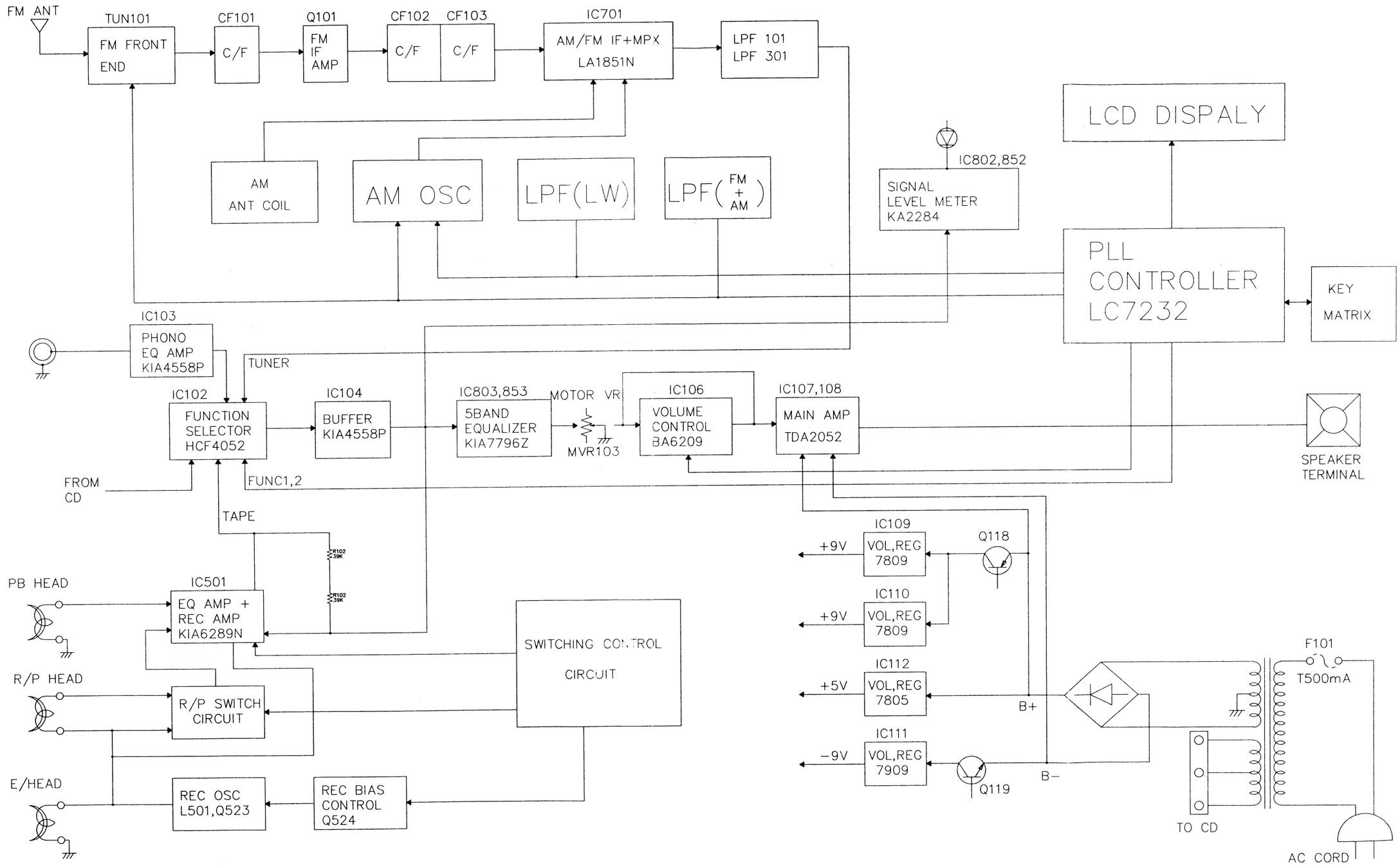
BLOCK DIAGRAM

● CD SECTION



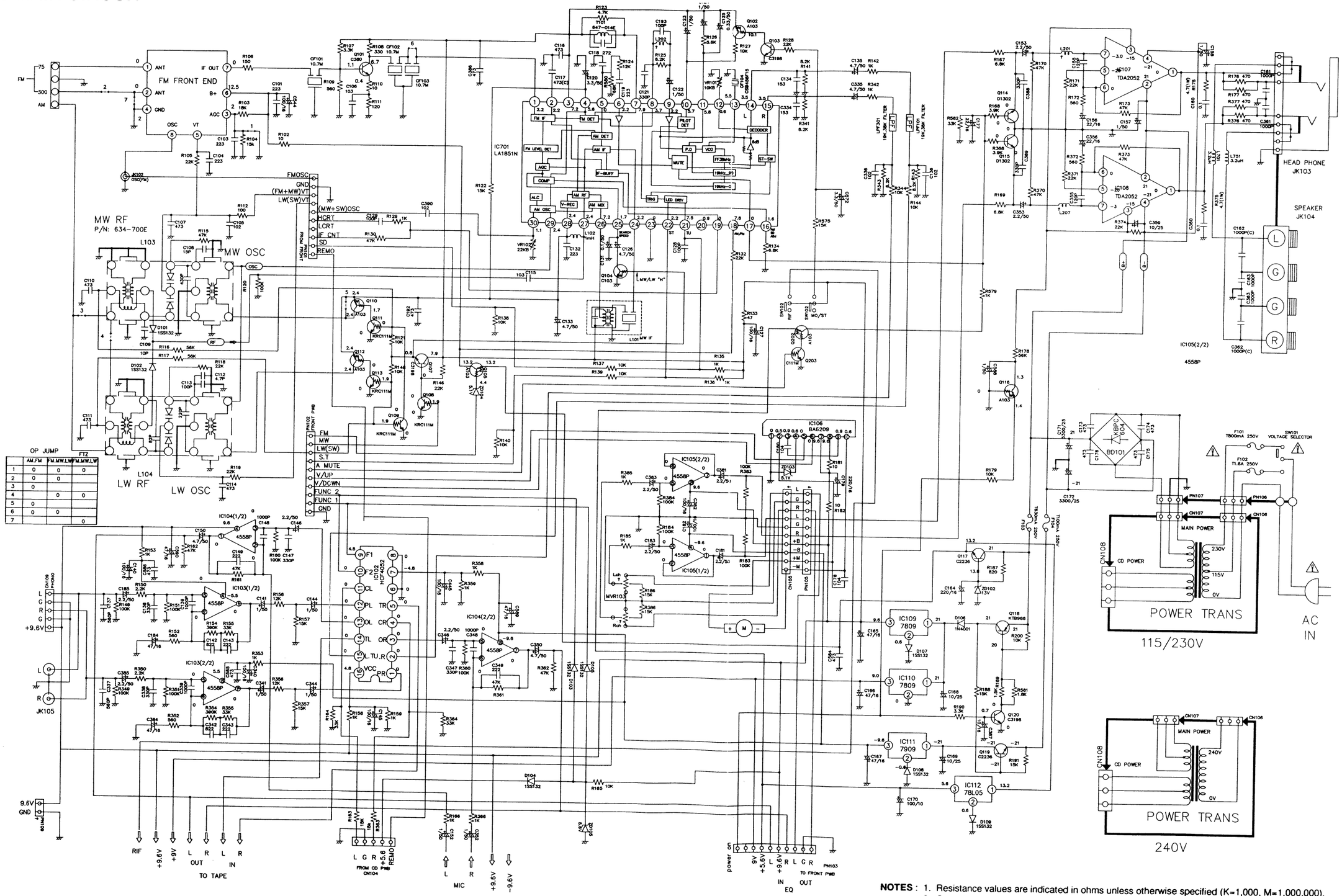
NOTES

● AUDIO SECTION



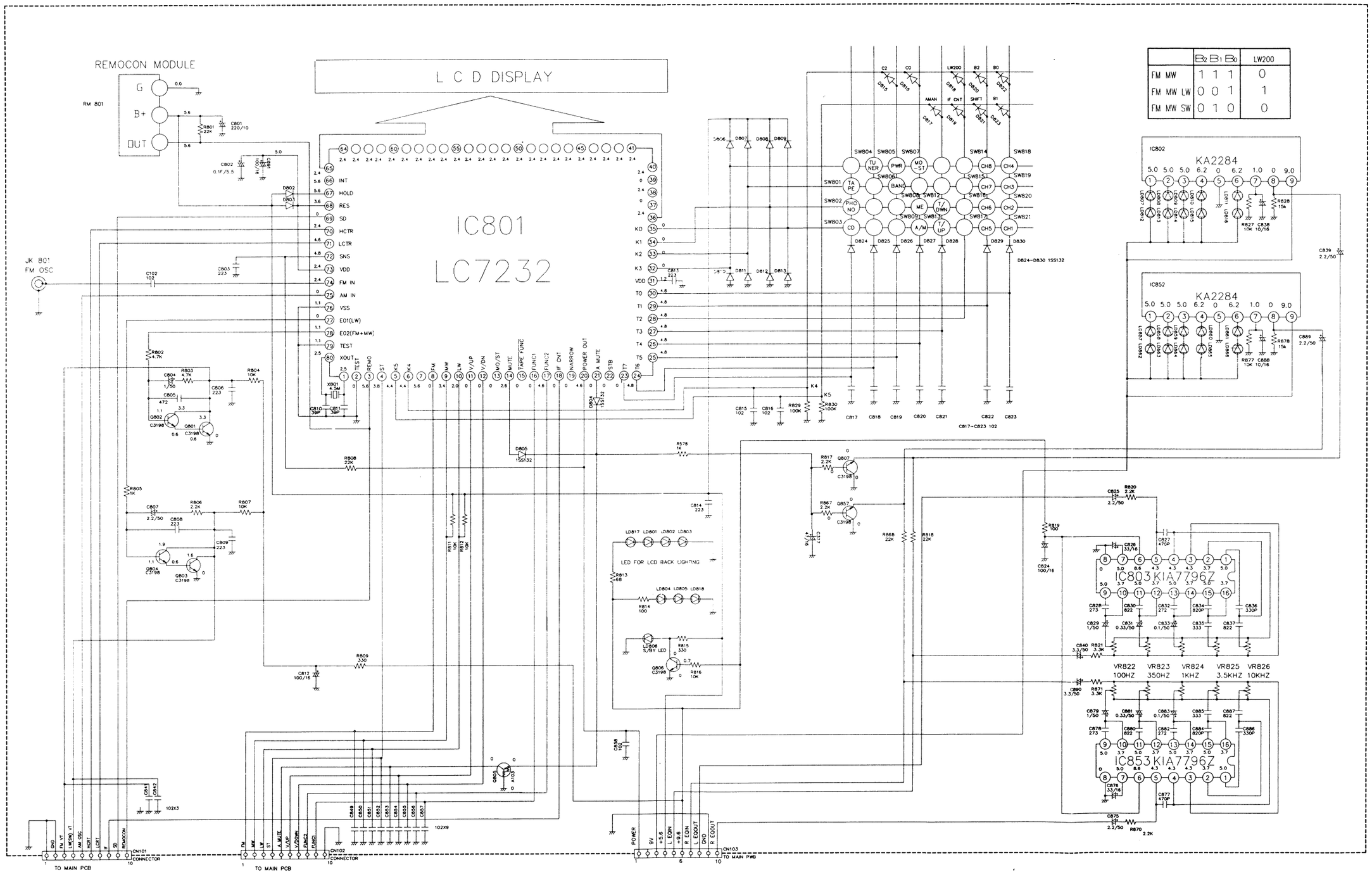
SCHEMATIC DIAGRAMS

● MAIN CIRCUIT



NOTES : 1. Resistance values are indicated in ohms unless otherwise specified (K=1,000, M=1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P=MICRO-MICRO FARADS).
3. Schematic diagram for this model are subject to change for improvement without prior notice.

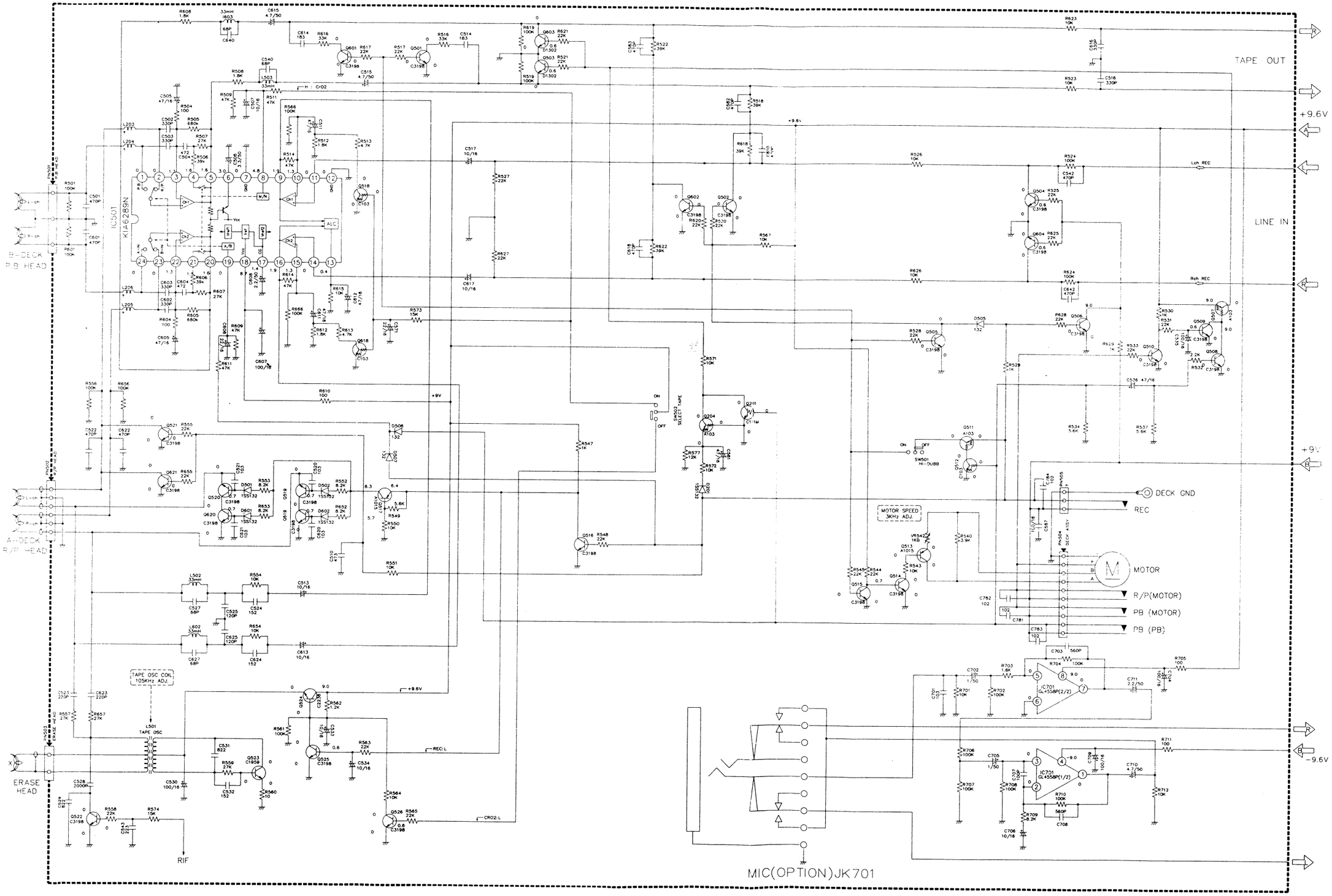
● FRONT CIRCUIT



	B2	B1	B0	LW200
FM MW	1	1	1	0
FM MW LW	0	0	1	1
FM MW SW	0	1	0	0

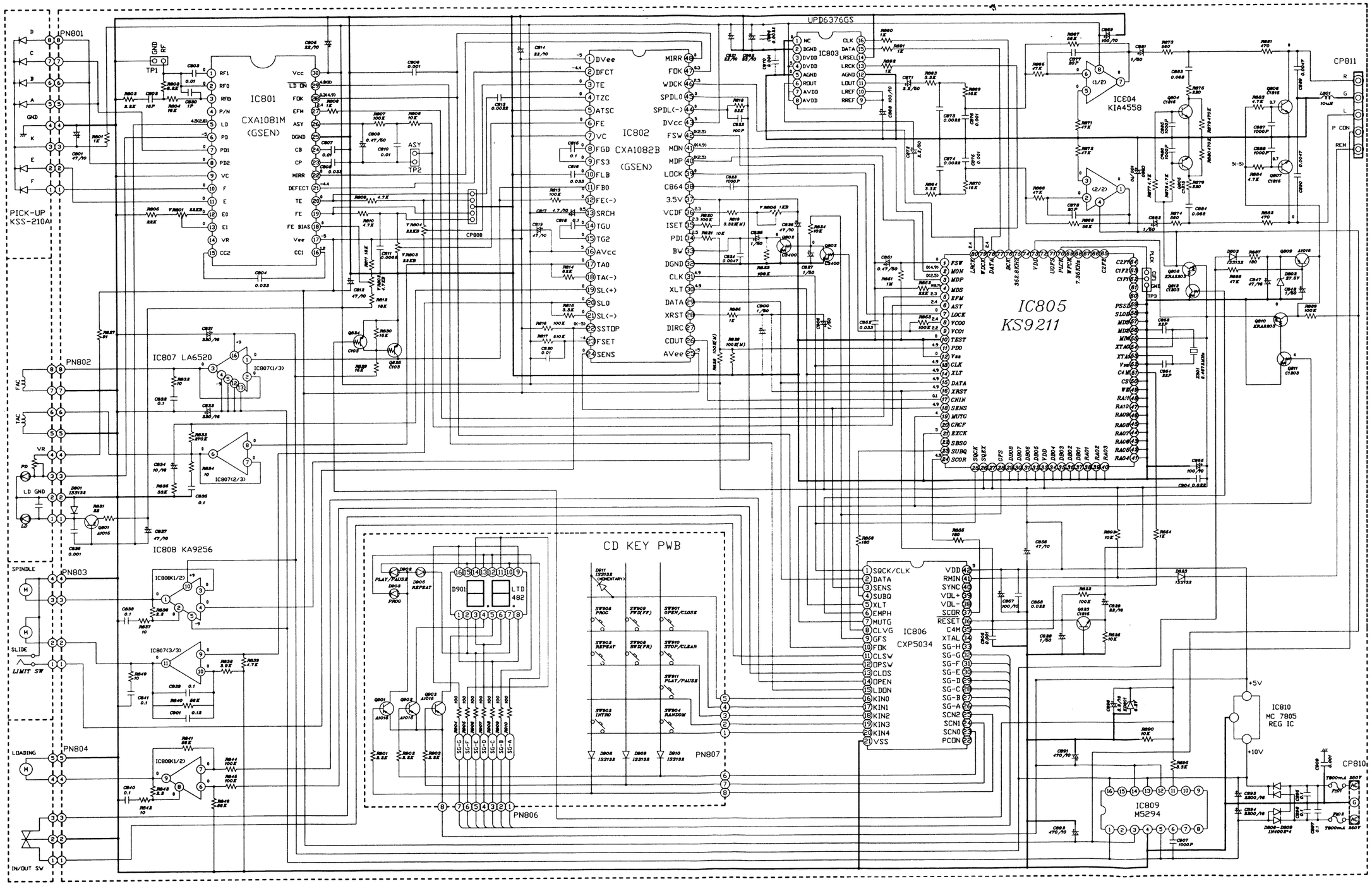
NOTES : 1. Resistance values are indicated in ohms unless otherwise specified (K=1,000, M=1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P=MICRO-MICRO FARADS).
3. Schematic diagram for this model are subject to change for improvement without prior notice.

● DECK CIRCUIT



NOTES : 1. Resistance values are indicated in ohms unless otherwise specified (K=1,000, M=1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P=MICRO-MICRO FARADS).
3. Schematic diagram for this model are subject to change for improvement without prior notice.

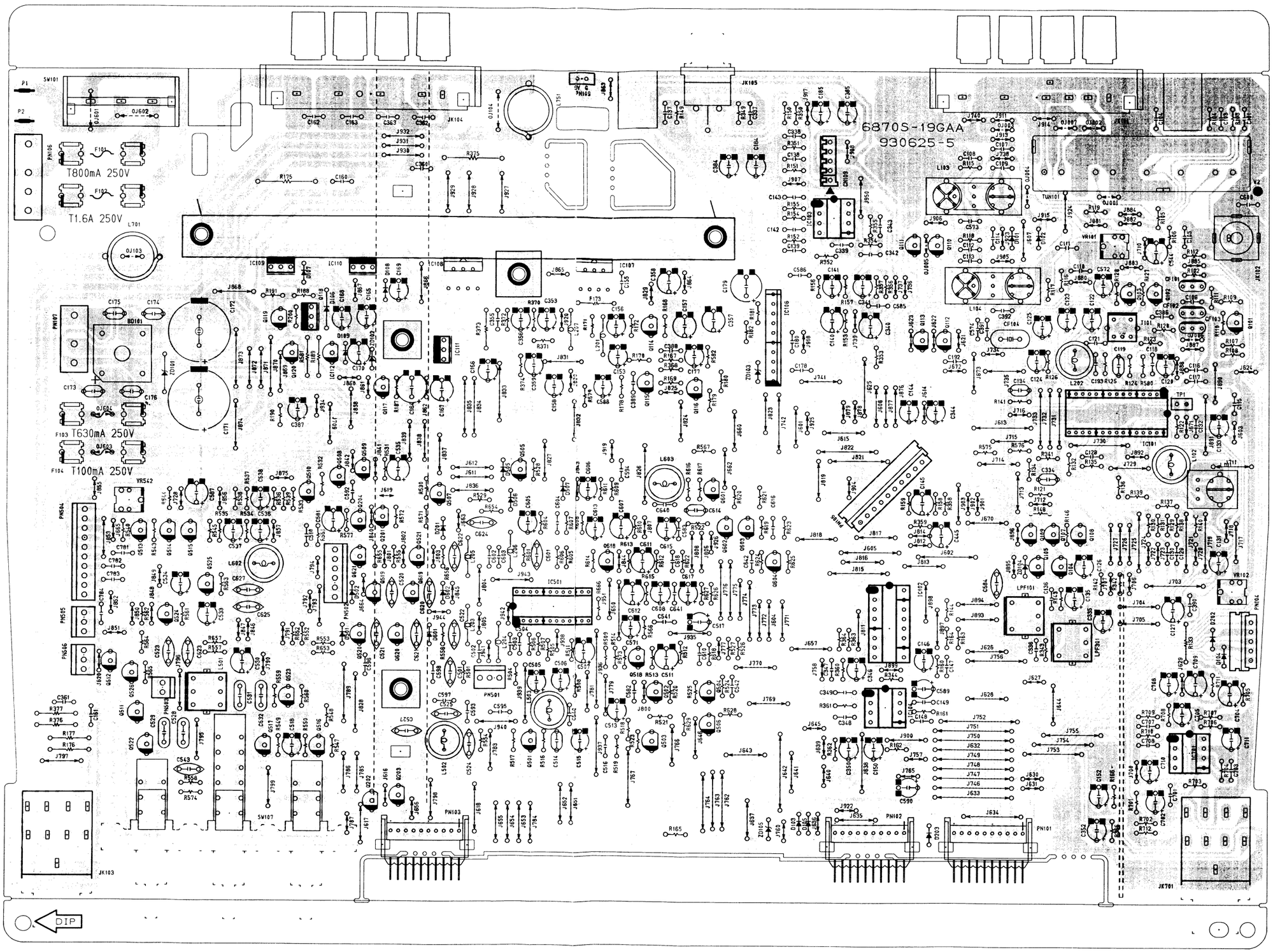
● CD CIRCUIT



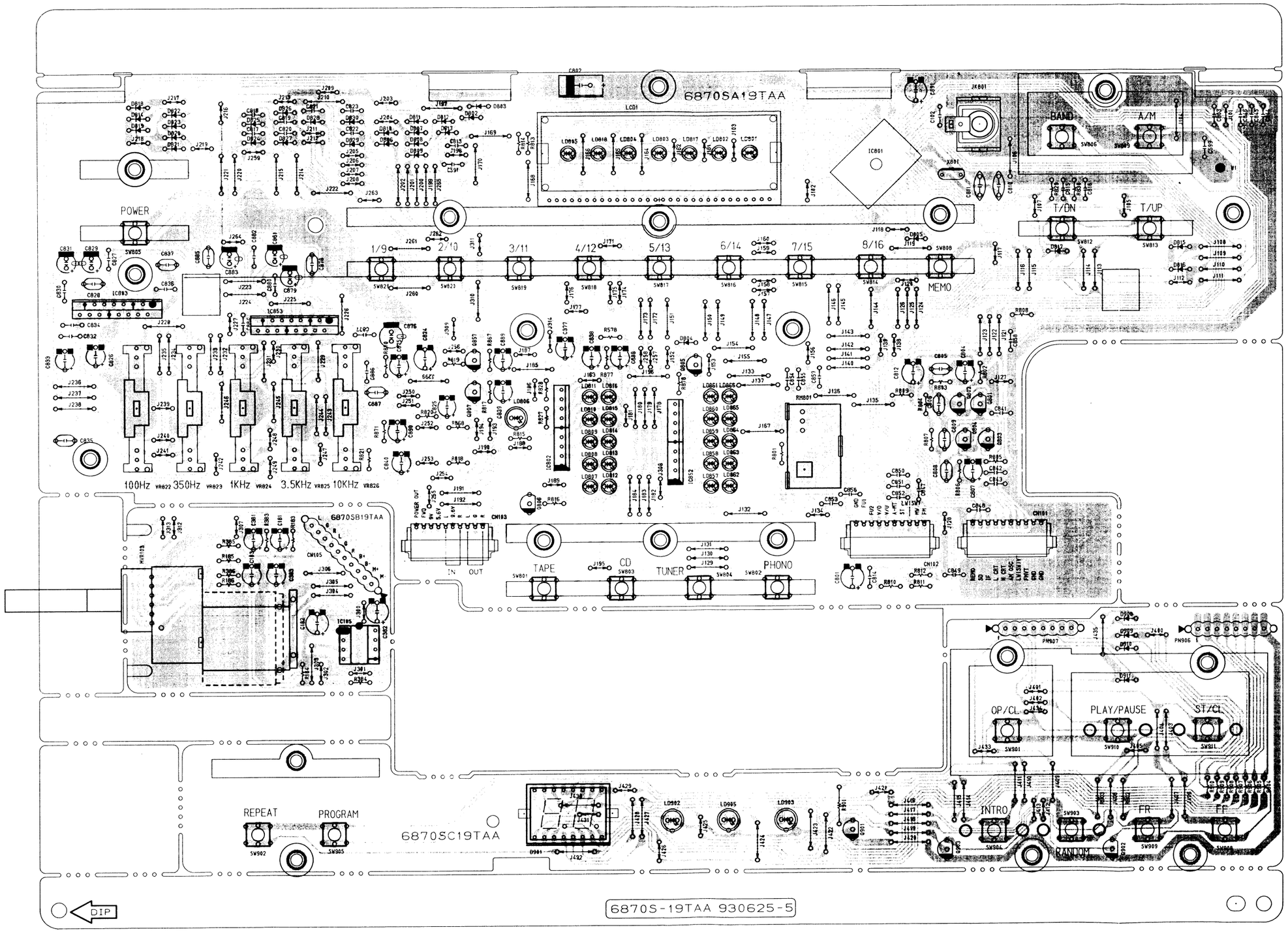
NOTES : 1. Resistance values are indicated in ohms unless otherwise specified (K=1,000, M=1,000,000).
2. Capacitance values are shown in microfarads unless otherwise (P=MICRO-MICRO FARADS).
3. Schematic diagram for this model are subject to change for improvement without prior notice.

PCB LAYOUT

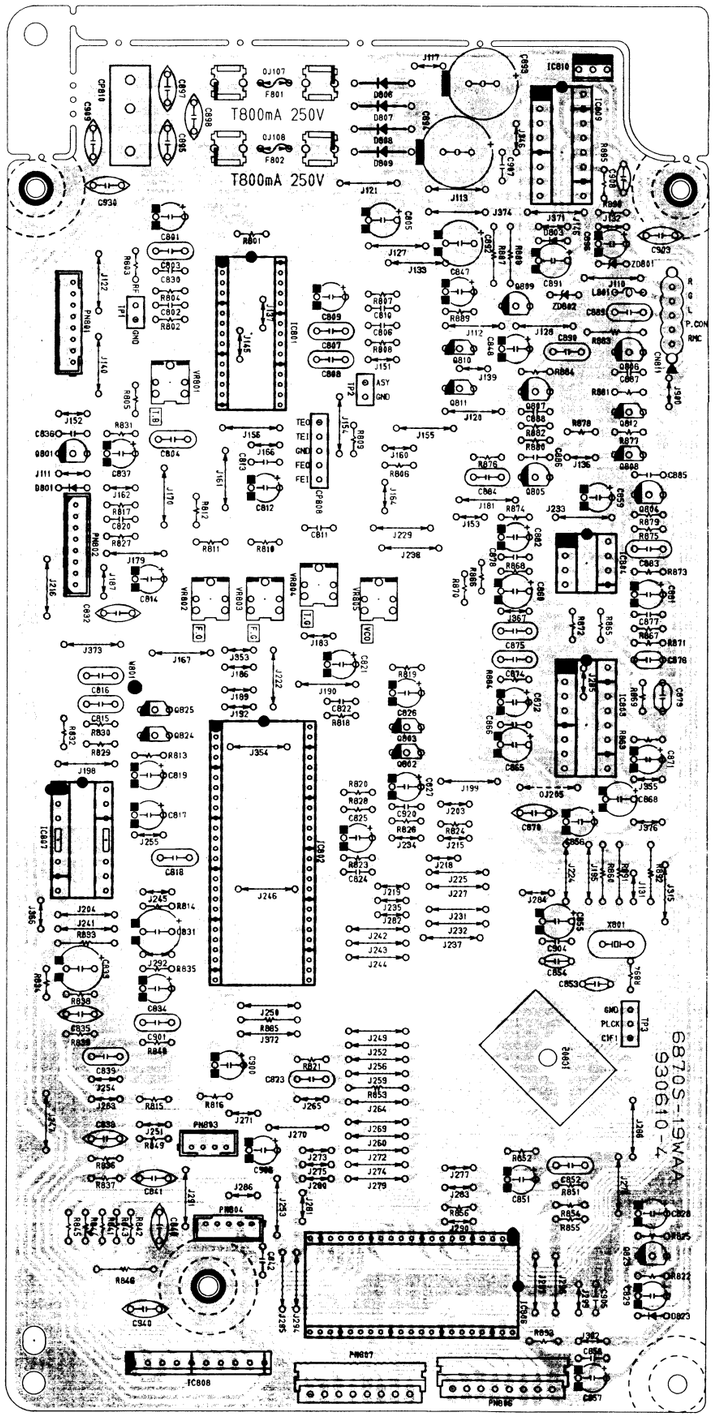
● MAIN P.C.BOARD



● FRONT & VOLUME P.C.BOARD

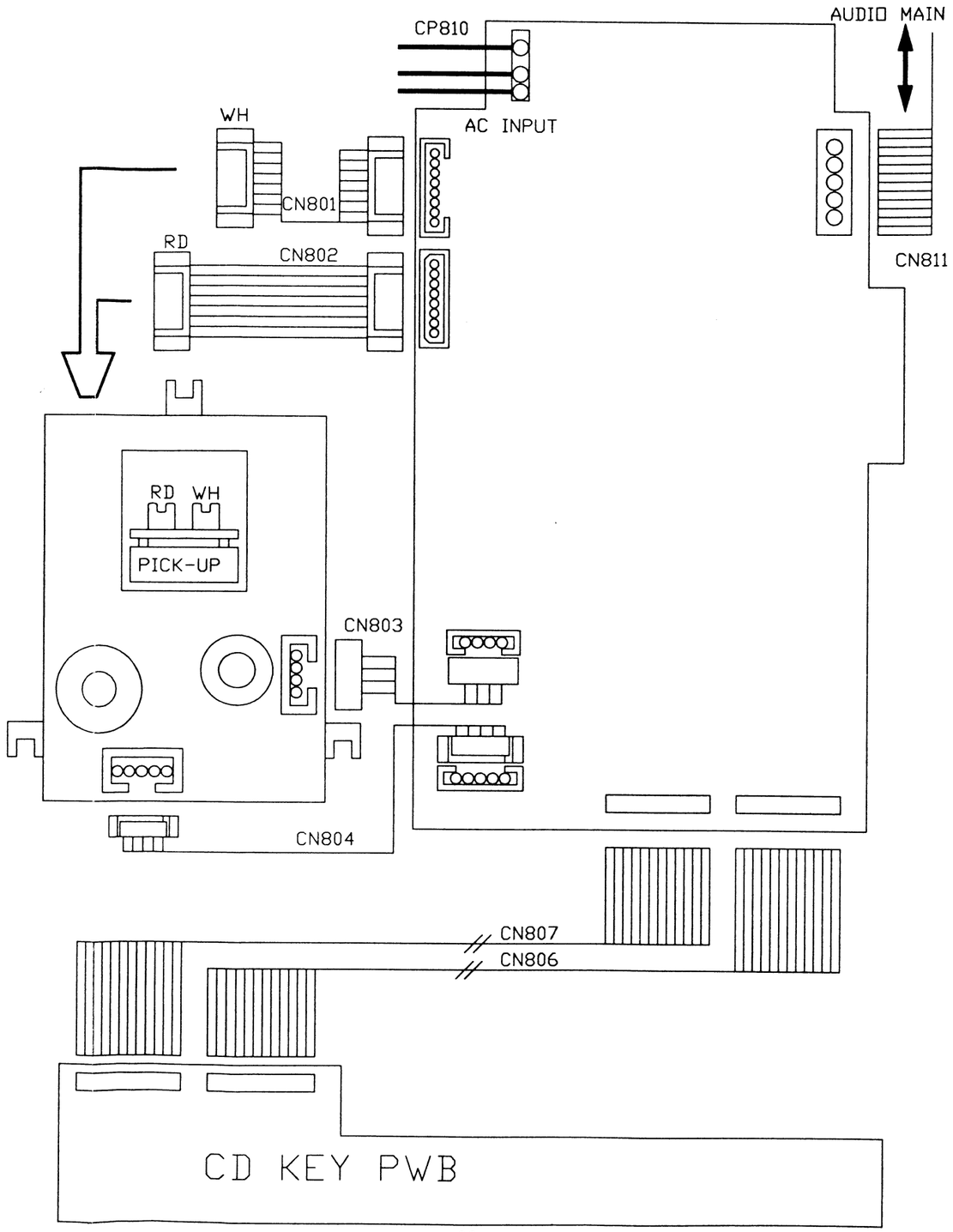


● CD P.C.BOARD

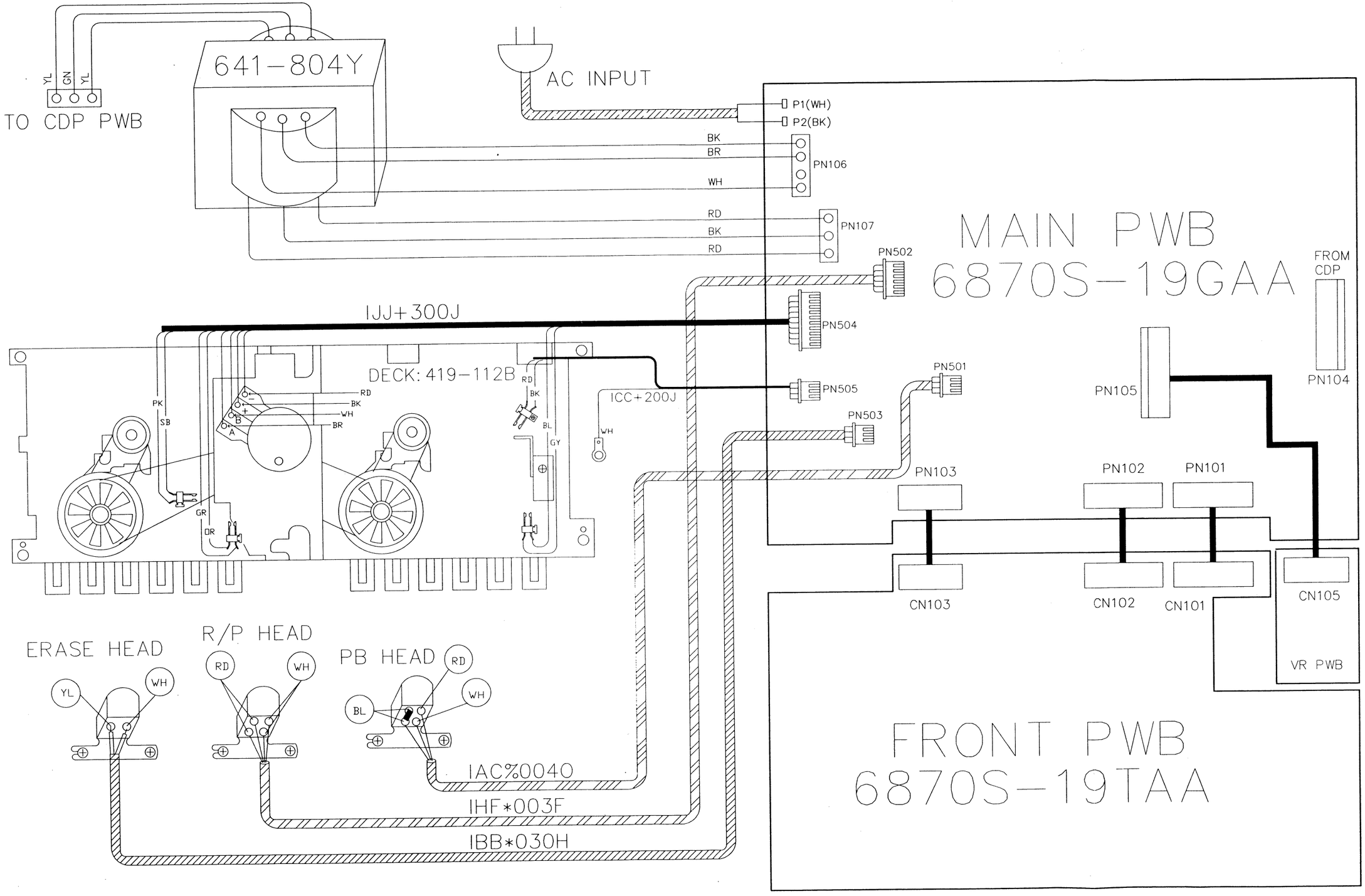


WIRING DIAGRAM

● CD SECTION

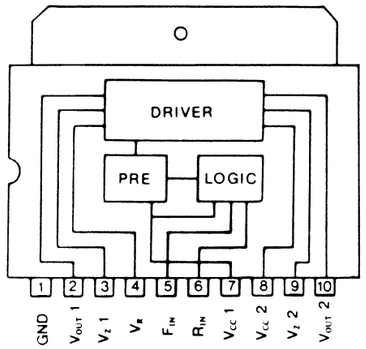


● AUDIO SECTION



INTERNAL BLOCK DIAGRAM OF ICs

BA6209



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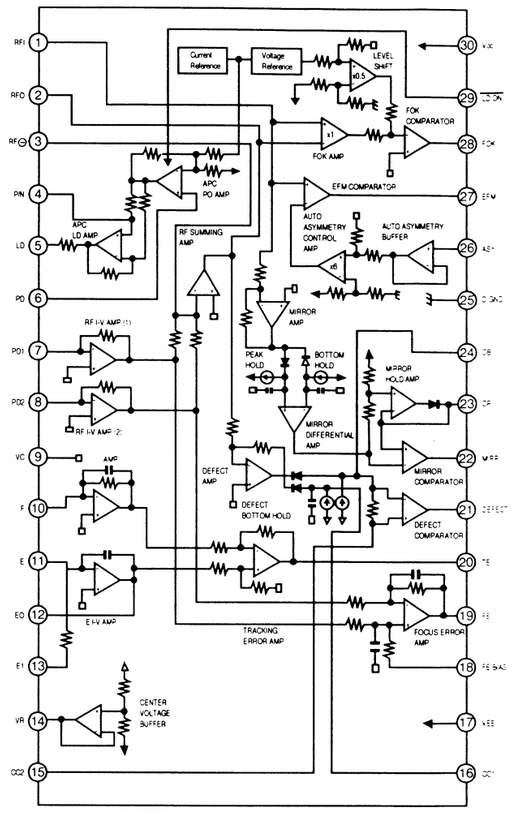

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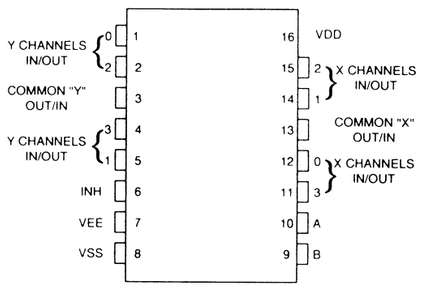

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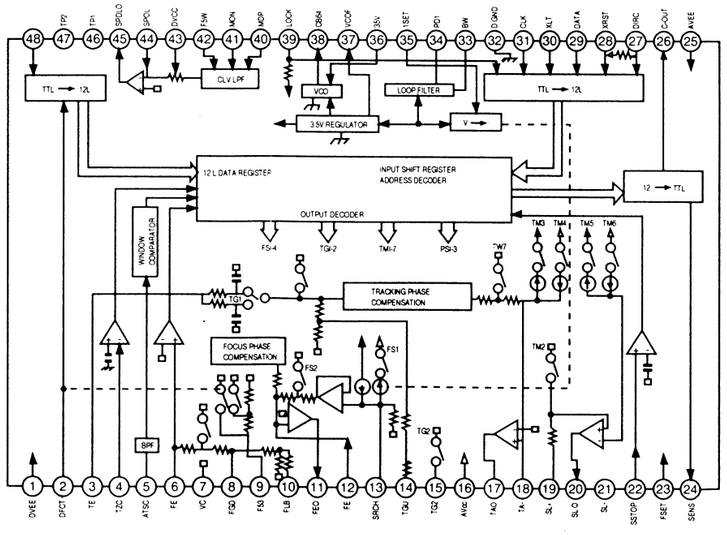

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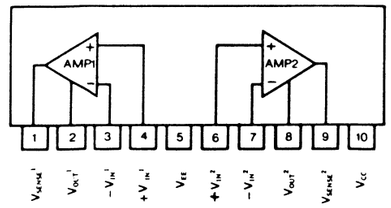

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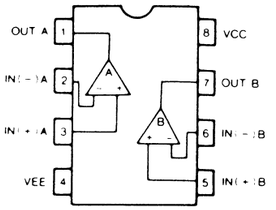

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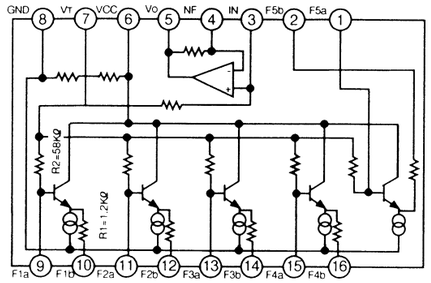

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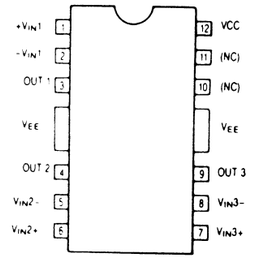

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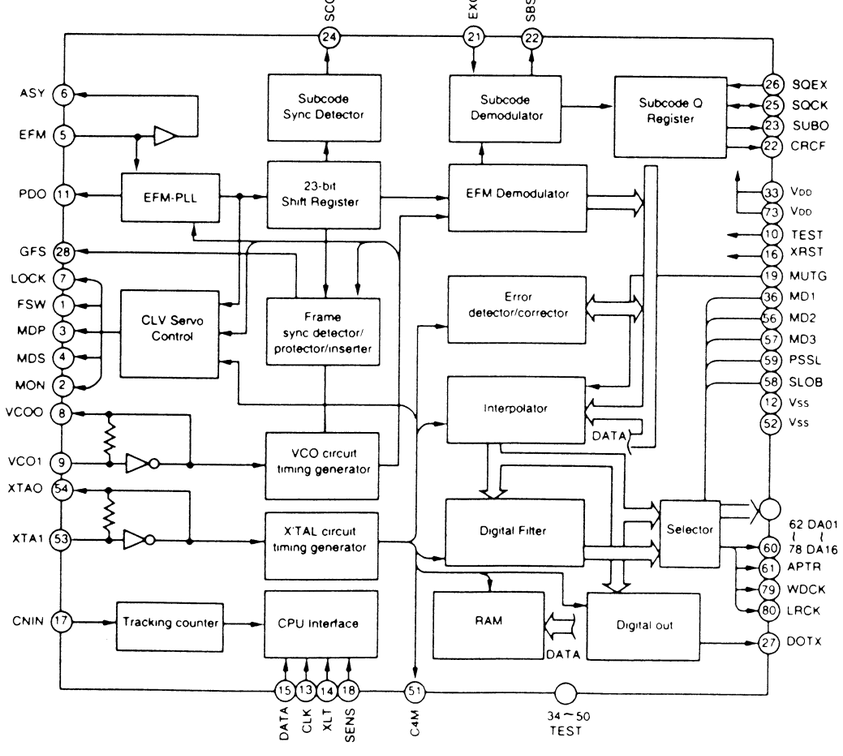

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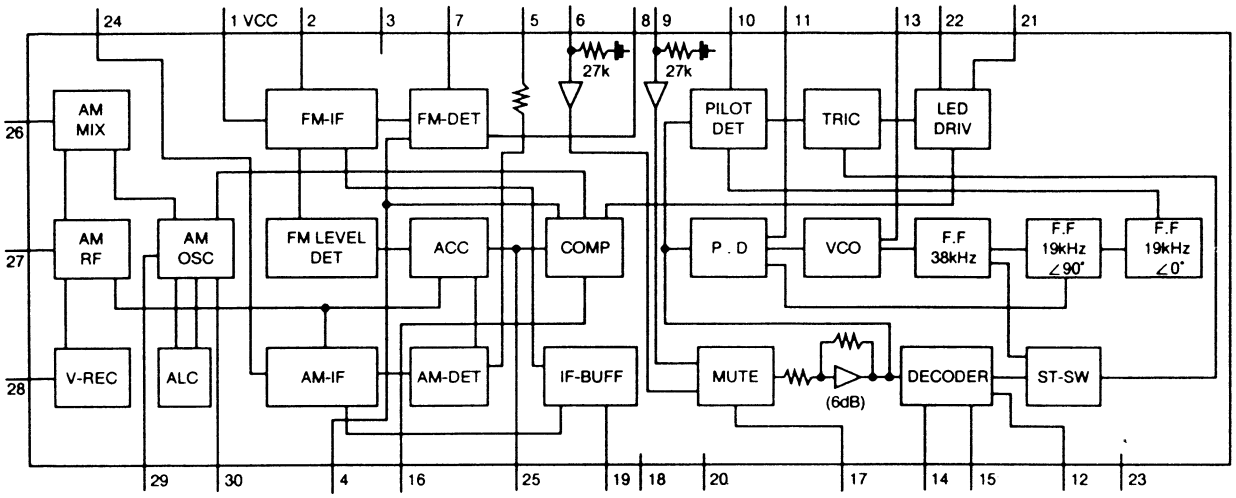

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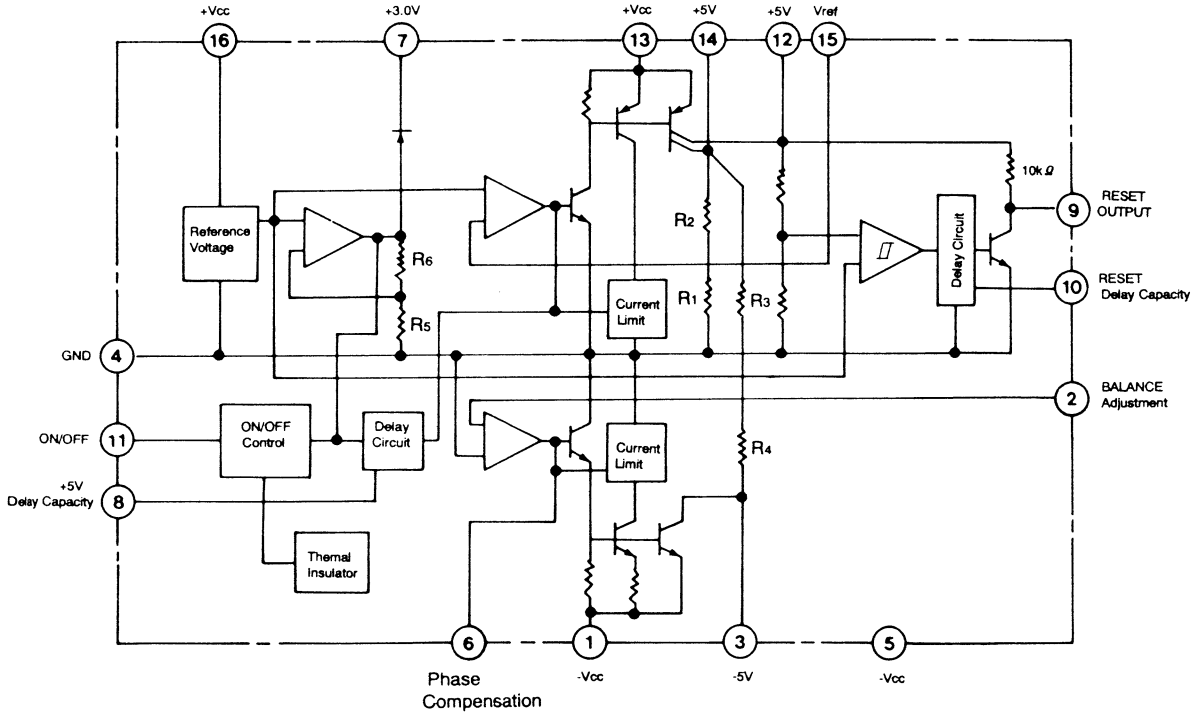

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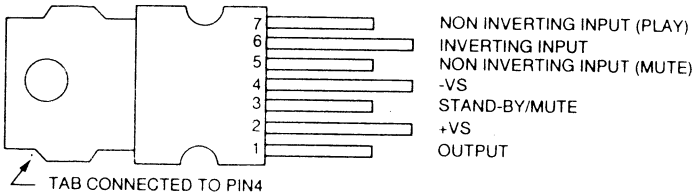

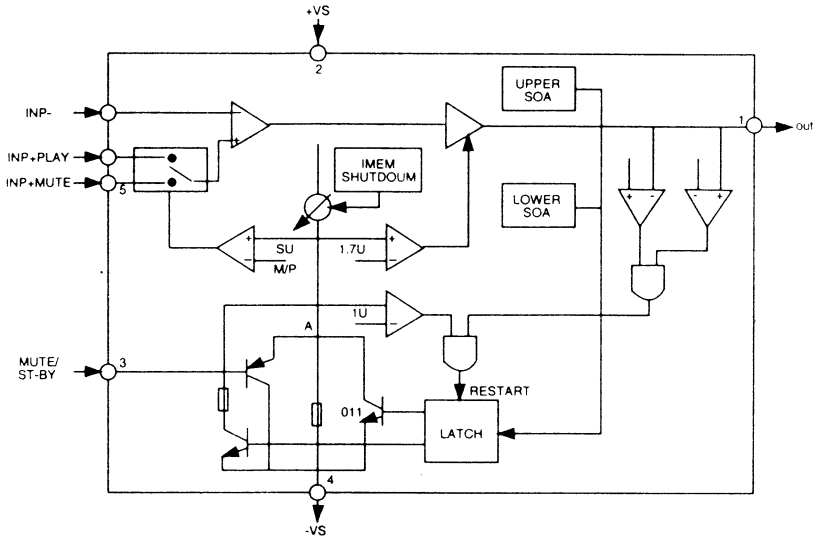

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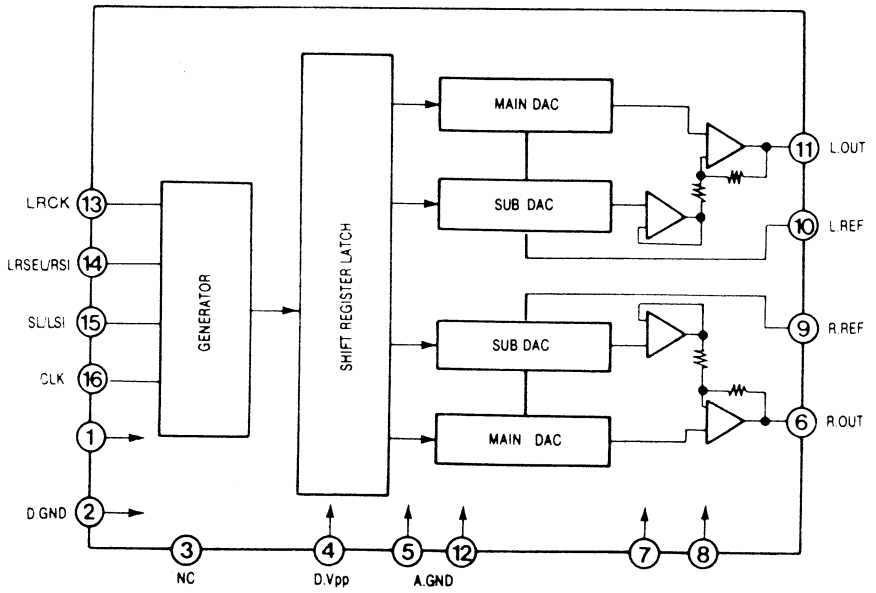
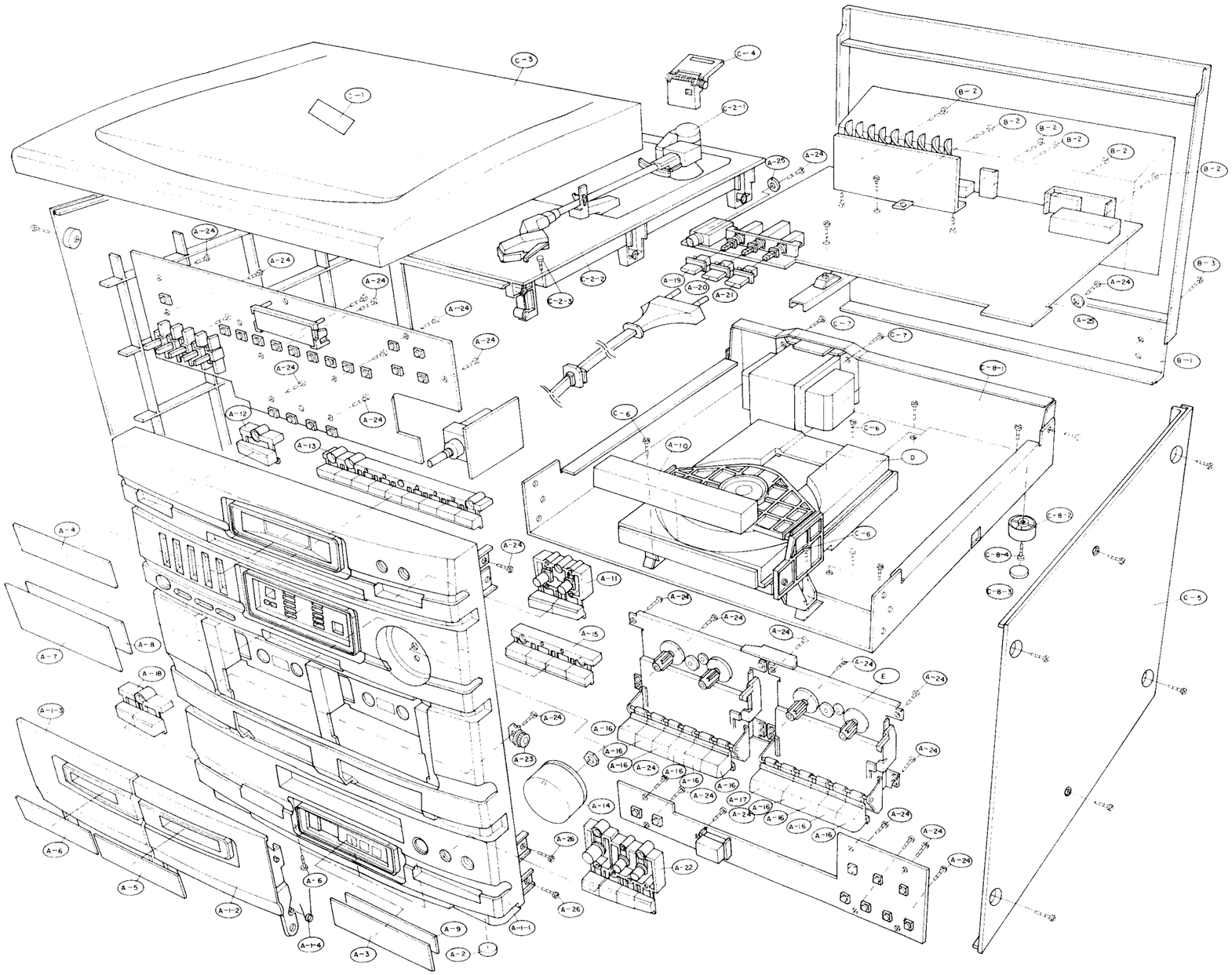


EXPLODED VIEW/PARTS LIST

● CABINET

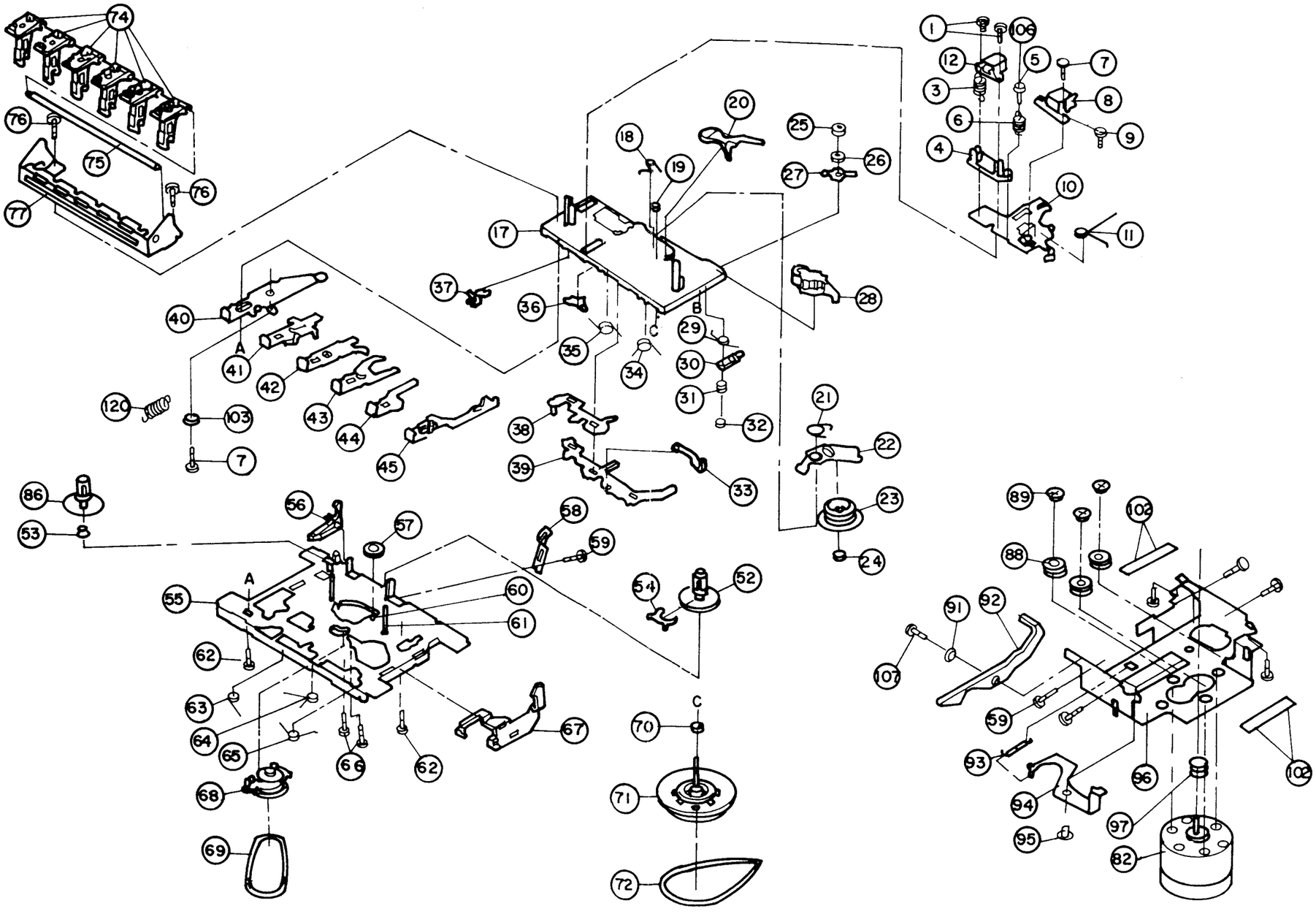


REF. NO.	PART NO.	DESCRIPTION	GSPS	GSUK	GSDG
A	3721S-0149F	Panel Assembly, Front	1	0	0
	3721S-0149E	Panel Assembly, Front	0	1	0
	3721S-0149D	Panel Assembly, Front	0	0	1
A-1	3721SU0149F	Panel Sub Assembly, Front	1	0	0
	3721SU0149E	Panel Sub Assembly, Front	0	1	0
	3721SU0149D	Panel Sub Assembly, Front	0	0	1
A-1-1	3720S-0149F	Panel, Front	1	0	0
	3720S-0149E	Panel, Front	0	1	0
	3720S-0149D	Panel, Front	0	0	1
A-1-2	226-128A	Door, Cassette-R	1	1	1
A-1-3	226-129A	Door, Cassette-L	1	1	1
A-1-4	442-750A	Spring, Door	2	2	2
A-2	472-190D	Felt	2	2	2
A-3	236-464A	Window, CD	1	1	1
A-4	236-434A	Window, Tuner	1	1	1
A-5	236-947A	Window, Deck-R	1	1	1
A-6	236-948A	Window, Deck-L	1	1	1
A-7	236-463A	Window, Amp	1	1	1
A-8	256-146A	Plate, Inner Amp	1	1	1
A-9	256-147A	Plate, Inner CD	1	1	1
A-10	226-112A	Door, CD	1	1	1
A-11	4940S-0282A	Knob, Tuner	1	1	1
A-12	4940S-0283A	Knob, Power	1	1	1
A-13	4940S-0284A	Knob, Preset	1	1	1
A-14	4940S-0285A	Knob, Main Volume	1	1	1
A-15	4940S-0286A	Knob, Function	1	1	1
A-16	4940S-0287A	Knob, Deck	10	10	10
A-17	4940S-0288A	Knob, Deck Play	1	1	1
A-18	4940S-0289A	Knob, CD Random	1	1	1
A-19	4940S-0281A	Knob, Push	1	1	1
A-20	4940S-0281B	Knob, Push	1	1	1
A-21	4940S-0281C	Knob, Push	1	1	1
A-22	4940S-0280A	Knob, CD Open	1	1	1
A-23	444-115A	Damper Assembly	2	2	2
A-24	353-025C	Screw, Special 3 × 10	33	33	33
A-25	354-601D	Washer	2	2	2
A-26	1TRL0302416	Screw, 3 × 8	7	7	7
B	3721S-0150F	Panel Assembly, Back	1	0	0
	3721S-0150E	Panel Assembly, Back	0	1	0
	3721S-0150D	Panel Assembly, Back	0	0	1
B-1	3720S-0150F	Panel, Back	1	0	0
	3720S-0150E	Panel, Back	0	1	0
	3720S-0150D	Panel, Back	0	0	1
B-2	353-025C	Screw, Special 3 × 10	8	8	8
B-3	353-052R	Screw, 3 × 12	1	1	1
C	3141S-0049A	Chassis Assembly, Main	1	1	0
	3141S-0049B	Chassis Assembly, Main	0	0	1
C-1	246-662A	Decoration, Dust Cover	1	1	1
C-2	413-034A	Player, Turntable Sub Assembly	1	1	0
C-2-1	413-634A	Player, DR-2300	1	1	0
C-2-2	213-061A	Cabinet, Top	1	1	0
	213-062A	Cabinet, Top	0	0	1
C-2-3	447-888A	Cushion, Dust Cover/Top	2	2	0
C-3	448-023B	Dust Cover	1	1	0
C-4	395-021B	Hinge Assembly	2	2	0
C-5	221-940A	Cover, Side	2	2	2
C-6	1TRL0302416	Screw, 3 × 8	7	7	7
C-7	1TRL0302418	Screw, 3 × 8	4	4	4
C-8	3141SU0049A	Chassis Sub Assembly, Main	1	1	0
	3141SU0049B	Chassis Sub Assembly, Main	0	0	1
C-8-1	3140S-0049A	Chassis, Main	1	1	1
C-8-2	265-240A	Foot	2	2	2
C-8-3	472-190D	Felt	2	2	2
C-8-4	1TRL0302416	Screw, 3 × 8	6	6	6
D	411-044A	Mechanism Assembly, CDM-X200	1	1	1
E	410-048A	Deck Sub Assembly	1	0	0
	410-048B	Deck Sub Assembly	0	1	1

NOTE : Ref. No. shows a group unit of assembly.

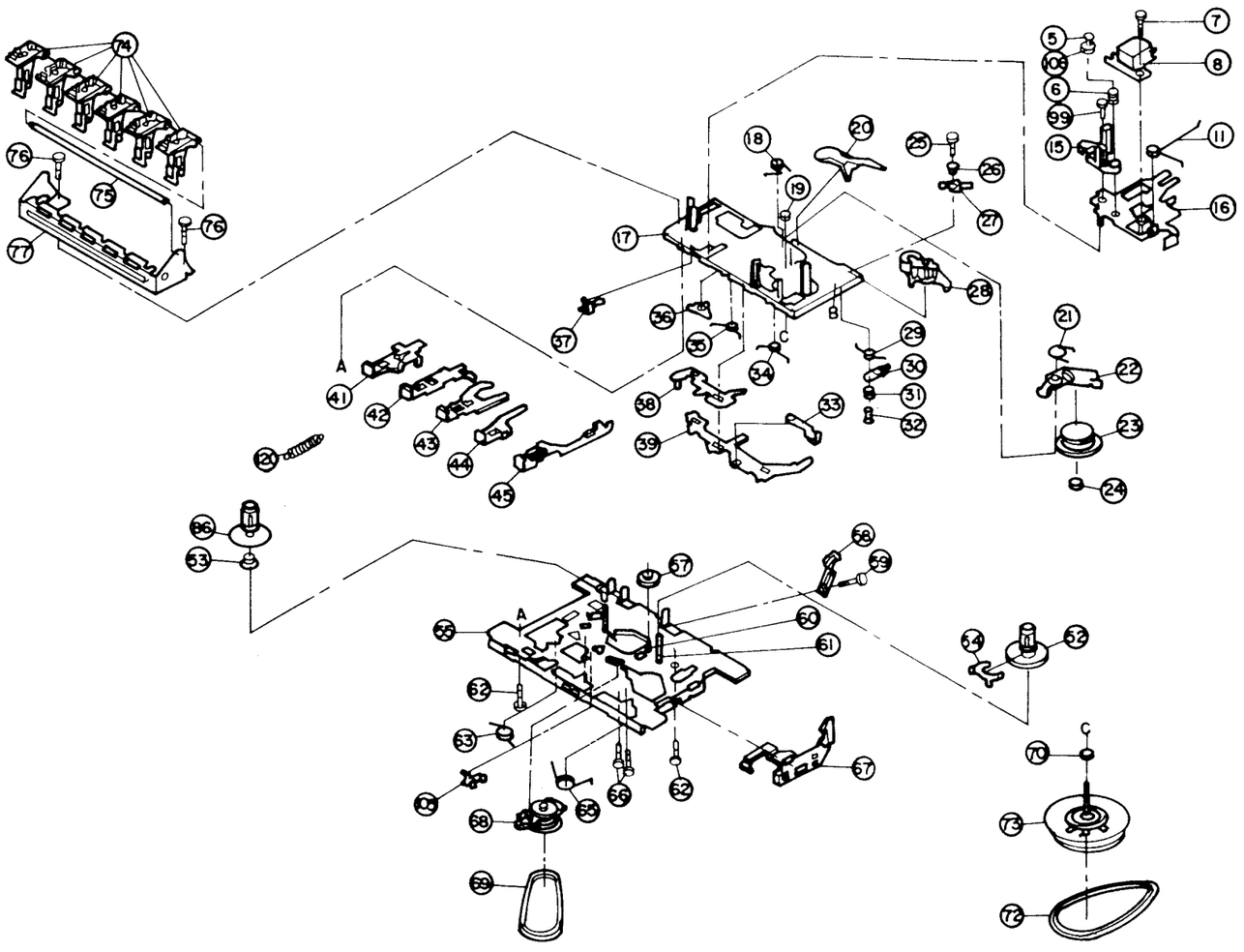
EXPLODED VIEW/PARTS LIST

● TAPE DECK MECHANISM-1/2



EXPLODED VIEW/PARTS LIST

● TAPE DECK MECHANISM-2/2

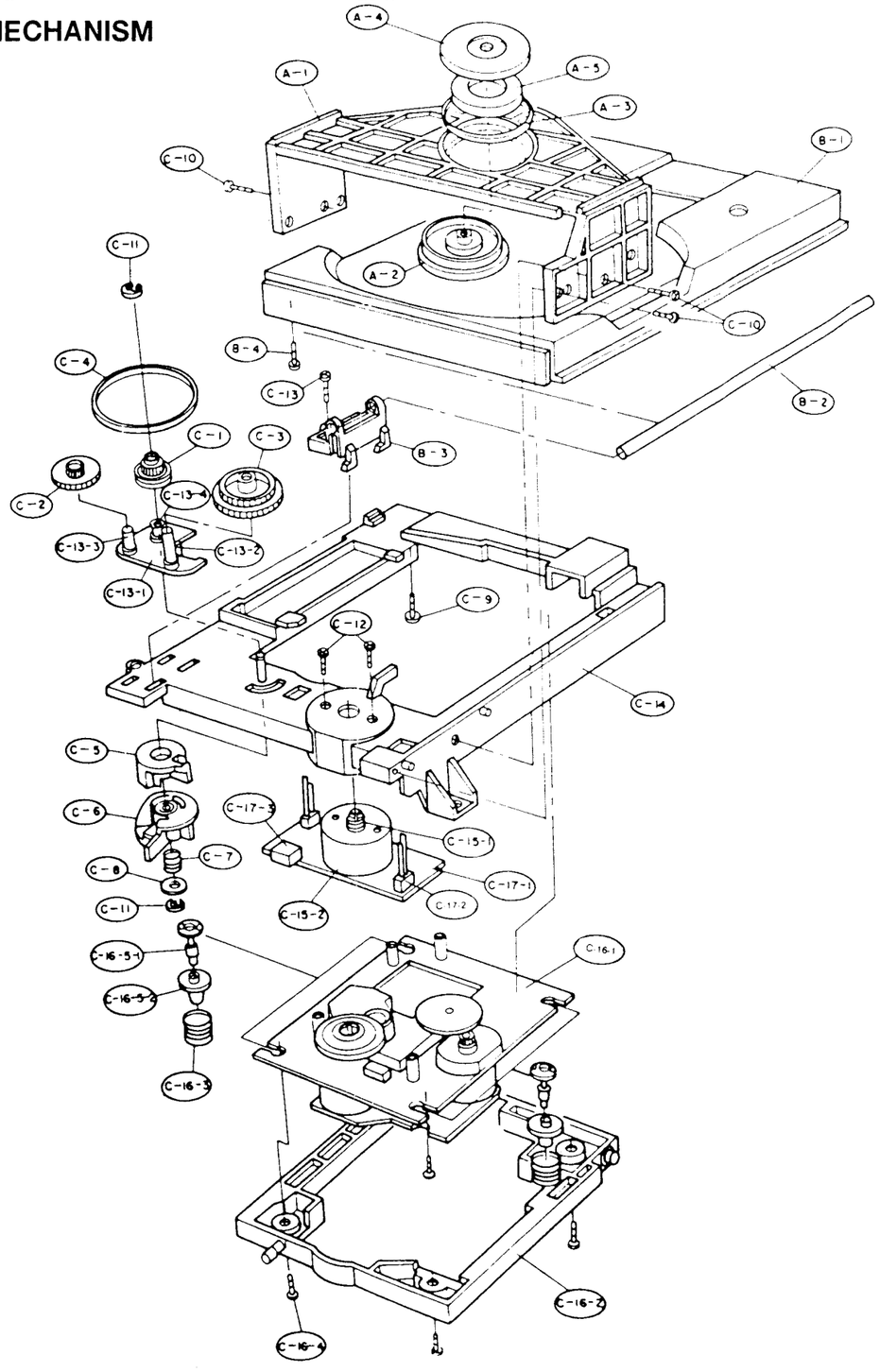


SP : Serviceable Part
NSP : Not Serviceable Part

REF NO	DESCRIPTION	PART NO	Q'TY	REMARK
-	Deck Mechanism, YN-21Z SW-18	419 - 1128	1	SP
1	SCREW W/H M2x8	99Y - 0001	2	NSP
3	AZIMUTH SPRING	99Y - 0002	1	NSP
4	TAPE GUIDE	99Y - 0003	1	NSP
5	SCREW P/H M2x7 (+)	99Y - 0004	2	NSP
6	AZIMUTH SPRING	99Y - 0005	2	NSP
7	SCREW P/H M2x3	99Y - 0006	2	NSP
7	SCREW P/H M2x3	99Y - 0007	1	NSP
8	PLAY HEAD, MS15R - AA2N1	99T - 2783	1	SP
8	R/P HEAD, SS15R - AA4N1	99T - 9986	1	SP
9	GROUND PLATE	99Y - 0010	1	NSP
10	HEAD PANEL	99Y - 0011	1	NSP
11	PINCH ROLLER SPRING	99Y - 0012	2	NSP
12	ERASE HEAD, LE15A - C1	99T - 9985	1	SP
15	TAPE GUIDE	99Y - 0014	1	NSP
16	HEAD PANEL	99Y - 0015	1	NSP
17	SUB CHASSIS ASS'Y	99Y - 0016	2	NSP
18	SENSING LEVER SPRING(B)	99Y - 0017	2	SP
19	POLYSLIDE WASHER(CUT)	99Y - 0018	2	SP
20	SENSING LEVER	99Y - 0019	2	NSP
21	IDLER GEAR ARM SPRING	99Y - 0020	2	NSP
22	IDLER GEAR ARM ASS'Y	99Y - 0021	2	NSP
23	CAM GEAR	99Y - 0022	2	NSP
24	POLYSLIDE WASHER (CUT)	99Y - 0023	2	NSP
25	SCREW1/P M2x3 PT P	99Y - 0024	2	NSP
26	PAUSE ARM BUSH	99Y - 0025	2	NSP
27	PAUSE PUSH LEVER	99Y - 0026	2	NSP
28	PINCH ROLLER ASS'Y	99Y - 0027	2	SP
29	SENSING LEVER SPRING(A)	99Y - 0028	2	NSP
30	PAUSE CAM	99Y - 0029	2	SP
31	PAUSE CAM SPRING	99Y - 0030	2	SP
32	PAUSE CAP	99Y - 0031	2	SP
33	EJECT KICK ARM	99Y - 0032	2	NSP
34	BUTTON LEVER SPRING	99Y - 0033	2	NSP
35	BUTTOM LEVER SPRING	99Y - 0034	2	NSP
36	PR LEVER	99Y - 0035	2	NSP
37	LEAF SWITCH	99Y - 0036	2	NSP
38	SWITCH ACTUATOR	99Y - 0037	2	NSP
39	LOCK PLATE	99Y - 0038	2	NSP
40	REC. LEVER	99Y - 0039	1	NSP
41	PLAY LEVER	99Y - 0040	2	NSP
42	REW. LEVER	99Y - 0041	2	NSP
43	F.F LEVER	99Y - 0042	2	NSP
44	STOP LEVER	99Y - 0043	2	NSP
45	PAUSE LEVER	99Y - 0422	2	NSP
52	TAKE UP REEL ASS'Y	99Y - 0045	2	NSP
53	B.T SPRING	99Y - 0046	2	NSP
54	SENSOR	99Y - 0047	2	NSP
55	MAIN CHASSIS	99Y - 0048	2	NSP
56	REC. SAFETY LEVER	99Y - 0049	1	SP
56	REC. SAFETY LEVER CAP	99Y - 0050	1	SP
57	F.F GEAR	99Y - 0051	2	NSP
58	PACKING SPRING	99Y - 0052	2	NSP
59	SCREW P/H M2x3 C . T. P	99Y - 0053	3	NSP
60	F.F GEAR SHAFT	99Y - 0054	2	NSP
61	REEL SHAFT	99Y - 0055	1	NSP
62	SCREW B/H M2x5 P.T.P	99Y - 0056	6	NSP
63	PLAY LEVER SPRING	99Y - 0057	2	NSP
64	REC. LEVER SPRING	99Y - 0058	1	NSP
65	EJECT LEVER SPRING	99Y - 0059	2	NSP
66	SCREW 3/P M2x5 P. T. P	99Y - 0060	1	NSP
67	EJECT SLIDE LEVER	99Y - 0061	2	NSP
68	R.F CLUTCH ARM ASS'Y	99Y - 0062	2	NSP
69	R.F BELT	99Y - 0063	2	SP
70	POLYSLIDE WASHER	99Y - 0064	2	SP
71	FLYWHEEL PULLEY(A) ASS'Y	99Y - 0065	1	SP
73	FLYWHEEL PULLEY(B) ASS'Y	99Y - 0066	1	NSP
72	MAIN BELT	99Y - 0067	2	SP
73	FLYWHEEL PULLEY(B)	99Y - 0068	1	SP
74	OPERATION LEVER	99Y - 0069	12	NSP
75	OPERATION LEVER SHAFT	99Y - 0070	2	NSP
76	SCREW 1/P M2x8 S. T. P	99Y - 0071	1	NSP
77	OPERATION FRAME	99Y - 0072	2	NSP
86	SUPPLY REEL ASS'Y	99Y - 0073	2	NSP
82	MOTOR, EG530YD98H	99Y - 0189	1	SP
88	MOTOR CUSHION	99Y - 0075	3	NSP
89	MOTOR COLLAR SCREW	99Y - 0076	3	NSP
91	P.K LEVER BUSH	99Y - 0077	1	NSP
92	P.K. KICK LEVER	99Y - 0078	1	NSP
93	PLAY LEVER SPRING	99Y - 0079	1	NSP
94	P.K ACTUATOR PLATE	99Y - 0080	1	NSP
95	COLLAR SCREW	99Y - 0081	1	NSP
96	MOTOR BRACKET	99Y - 0082	1	NSP
97	MOTOR PULLEY	99Y - 0083	1	NSP
99	SCREW P/H M2x6	99Y - 0084	1	NSP
102	FELT	99Y - 0424	2	NSP
103	M2 S/W	99Y - 0086	1	NSP
105	LEAF SWITCH	99Y - 0088	1	NSP
106	M2 P/W	99Y - 0089	2	NSP
107	SCREW P/H M2x6 S. T. P	99Y - 0090	1	NSP
120	GROUNDING SPRING	99Y - 0091	1	NSP
130	MOTOR PULLEY AY	99Y - 0423	1	SP

EXPLODED VIEW/PARTS LIST

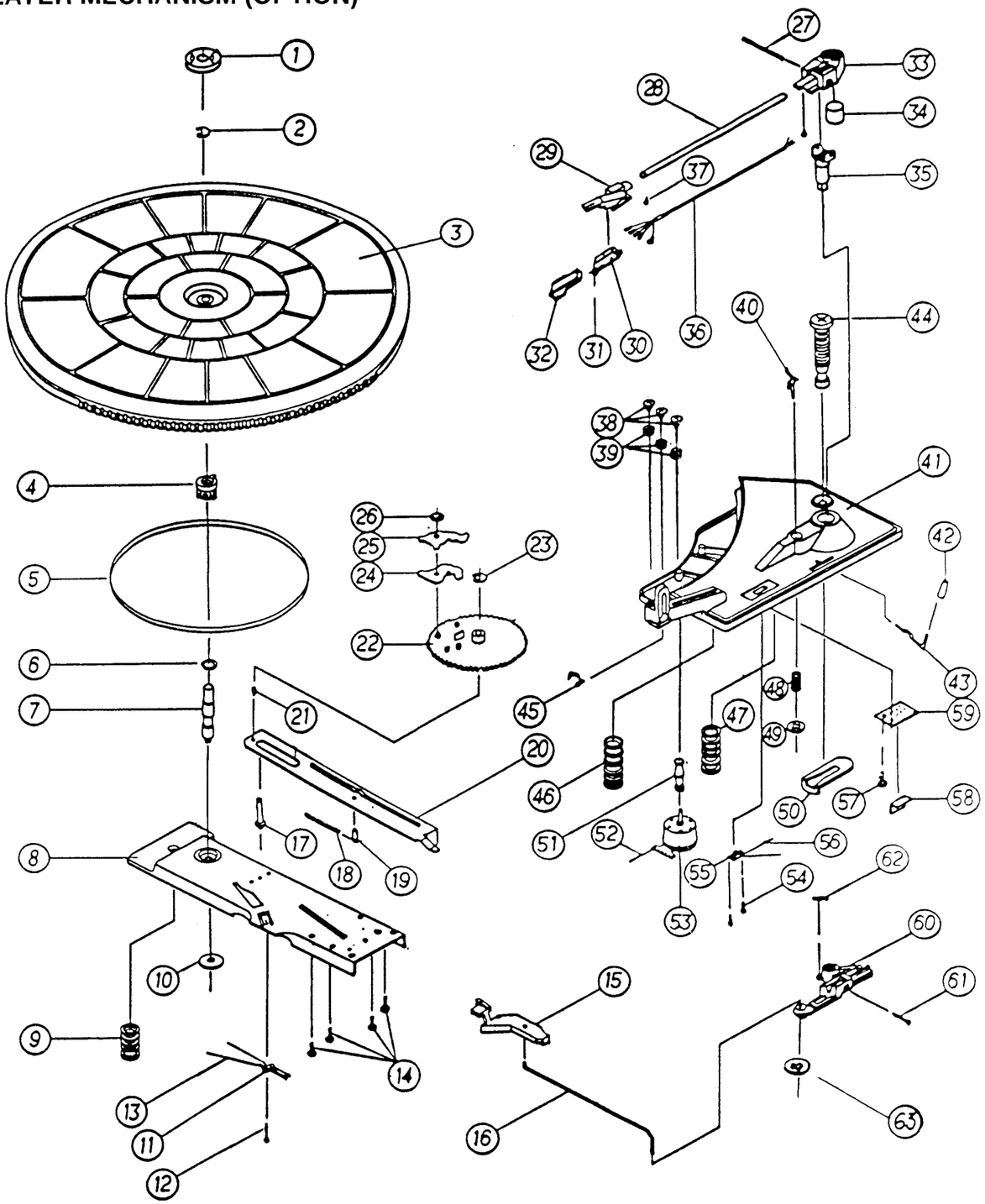
● CD MECHANISM



REF.NO.	DESCRIPTION	PART NO.	Q'TY
-	Mechanism Assembly, CDM-X200	411-044A	1
A	SUPPORTER, CLAMP AY	322-321A	1
A-1	SUPPORTER, CLAMP	322-322A	1
A-2	CLAMP, DISC	327-013A	1
A-3	GUIDE, MAGNET	384-064A	1
A-4	COVER, MAGNET	221-527A	1
A-5	COVER, CLAMP MAGNET	524-012A	1
B	TRAY, DISC AY	318-317A	1
B-1	TRAY, DISC	318-318A	1
B-2	SHAFT, LOADING	423-423A	1
B-3	GUIDE, SHAFT	384-384A	1
B-4	SCREW, SPECIAL	353S353D	1
C	BASE, AY	225-224A	1
C-1	GEAR, PULLEY	435-435A	1
C-2	GEAR, MIDDLE	435-436A	1
C-3	GEAR, LOADING	435-437A	1
C-4	BELT, COUNTER	451-145U	1
C-5	CAM AY, UP	374-374A	1
C-6	CAM AY, DOWN	374-375A	1
C-7	SPRING, COM	442-778A	1
C-8	WASHER, PLATE	354S354A	1
C-9	SCREW, WASHER	353S353B	1
C-10	SCREW, BIND	353S353C	3
C-11	RING-E	345S345A	2
C-12	SCREW, BIND MACHINE	353S353F	2
C-13	PLATE, SCALE AY	252-252A	1
C-13-1	PLATE, SCALE AY	252-253A	1
C-13-2	PIN PULLEY	356-356A	1
C-13-3	PIN MIDDLE	356-357A	1
C-13-4	BUSHING, PULLEY	341-341A	1
C-14	BASE, LOADING AY	225-225A	1
C-15	MOTOR AY	414-043A	1
C-15-1	PULLEY, MOTOR	432-432A	1
C-15-2	MOTOR (RF500TB-14415, MABUCHI)	414-044A	1
C-16	BASE, PU AY	225-228A	1
C-16-1	MECHA, AY (KSM-2101ABM; SONY)	411-045A	1
C-16-2	BASE, PU	225-229A	1
C-16-3	SPRING, ANTI-VIB.	442-717A	4
C-16-4	SCREW, WASHER	353S353A	4
C-16-5	SUPPORTER, SPRING AY	322-324A	4
C-16-5-1	SUPPORTER, SPRING	322-323A	4
C-16-5-2	RUBBER, ANTI-VIB.	477-106A	4
C-17	PWB AY	6870S-158AA	1
C-17-1	PWB, LOADING AY	6870S-159AA	1
C-17-2	S/W, SPECIAL (MSW18020MVJ0; MIC)	558-041A	2
C-17-3	CONNECTOR AY, WAFER (S5B-PH; JST)	563E010A	1

EXPLODED VIEW/PARTS LIST

● RECORD PLAYER MECHANISM (OPTION)



REF. NO.	PART NO.	DESCRIPTION	Q'TY
	413-634A	PLAYER, DR-2300	1
1	591M900A	EP ADAPTOR	1
2	345M900B	E RING	1
3	413M900B	TURNTABLE	1
4	77H-0099	PINION	1
5	415M900B	BELT	1
6	354M902B	NYLON WASHER	1
7	424M900B	SPINDLE	1
8	313M900B	CHASSIS	1
9	442M990A	MOUNTING SPRING	1
10	354M902C	WASHER-SPINDLE	1
11	558M900A	LEAF SWITCH	1
12	353M902A	SCREW	1
13	671M901B	WIRE	2
14	353M901A	SCREW	4
15	77H-0100	TRIP LEVER	1
16	366M900A	TRIP ROD	1
17	77H-0101	STUD	1
18	442M067B	SPRING-DRIVE PLATE	1
19	77H-0102	PIN	1
20	386M033B	DRIVE PLATE	1
21	77H-0103	GUIDE PIN	1
22	435M900A	CAM GEAR	1
23	345M900C	E RING	1
24	313M991A	CLUTCH PLATE (DOWN)	1
25	313M991B	CLUTCH PLATE (UP)	1
26	354M902E	CS WASHER	1
27	345M991A	PIVOT PIN	1
28	345M991B	BRASS TUBE	1
29	526M900E	HEAD SHELL	1
30	526M900C	BODY-CARTRIDGE	1
31	526M900F	STYLUS-CARTRIDGE	1
32	526M900D	COVER-CARTRIDGE	1
33	345M992A	PIVOT	1
34	77H-0104	BALANCE WEIGHT	1
35	386M901B	GIMBAL	1
36	77H-0105	CABLE WIRE ASSY	1
37	353M902B	SCREW	2
38	353M902C	SHOULD SCREW	3
39	477M900B	MOTOR CUSHION	3
40	386M900B	LIFTER	1
41	225M900B	HOUSING	1
42	333M900A	CONTROL LEVER	1
43	333M900B	CUE ROD	1
44	353M990A	MOUNTING BOLT	1
45	333M990A	LOCK	1
46	442M990C	MOUNTING SPRING	1
47	442M990C	MOUNTING SPRING	1
48	442M999A	SPRING	1
49	354M902D	CS WASHER	1
50	354M903A	CLIP	1
51	432M900B	MOTOR PULLEY	1
52	671M909A	WIRE-BLACK	1
53	414M900A	MOTOR	1
54	353M904A	SCREW	2
55	558M900B	SLIDE SWITCH	1
56	671M902B	WIRE	2
57	353M904B	SCREW	1
58	77H-0106	CONNECT HOUSING	1
59	513M900B	P.C.BOARD	1
60	77H-0107	CONTROL LEVER	1
61	354M904A	SCREW-CONTROL LEVER	1
62	442M999B	SPRING-CONTROL LEVER	1
63	354M904B	SPEED WASHER	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
	IAC%0040	CONNECTOR ASSY	C.AY GS IL-G03 UL2592#28 480	1	1	1
	IBB*030H	CONNECTOR ASSY	GS IL-G02 (G) 340 (S)	1	1	1
	ICC+200J	CONNECTOR ASSY	GS IL-G03 (21) 280 (S)	1	1	1
	IHF*003F	CONNECTOR ASSY	C.AY IL-G06 (I) 300		1	
	IHF%003J	CONNECTOR ASSY	C.AY GS IL-G06 (I) 380	1		1
	IJJ+300J	CONNECTOR ASSY	IL-G10 (21) 380	1	1	1
	0CK2230K940	CAPACITOR CERAMIC(HIGH	0.022M 50V Z F S	1	1	1
	1TRL0302416	BRAIZER HEAD TA SCREW	D 3.0 L 8.0 MSWR3/(BK)	6	6	6
	1TRL0302418	BRAIZER HEAD TA SCREW	D 3.0 L 8.0 MSWR3/FZY	4	4	4
	213-061A	CABINET	TOP(FM-61) AUTO RETURN T/T		1	1
	213-062A	CABINET	TOP (FM-61) NOT T/T	1		
	221-527A	COVER	MAGNET (SECC 0.8T)	1	1	1
	221-940A	COVER	SIDE(FMH-19/39)	2	2	2
	225-224A	BASE	ASSY	1	1	1
	225-225A	BASE	LOADING ASS'Y	1	1	1
	225-226A	BASE	LOADING (LEXAN 141,BK)	1	1	1
	225-228A	BASE	P/U ASSY	1	1	1
	225-229A	BASE	P/U (LUPOX GP2300,BK)	1	1	1
	225M900B	BASE	MOUSING 37-0406-01		1	1
	226-112A	DOOR	CD (FFH-49)	1	1	1
	226-128A	DOOR	CST-R (FFH-49)	1	1	1
	226-129A	DOOR	CST-L (FFH-49)	1	1	1
	236-434A	WINDOW	TUNER (FFH-49)	1	1	1
	236-463A	WINDOW	AMP (FFH-49)	1	1	1
	236-464A	WINDOW	CD (FFH-49)	1	1	1
	236-947A	WINDOW	DECK-R (FFH-49)	1	1	1
	236-948A	WINDOW	DECK-L (FFH-49)	1	1	1
	246-662A	DECORATION	ATION DUST COVER	1	1	1
	252-252A	PLATE SCALE	ASS'Y	1	1	1
	252-253A	PLATE SCALE	LOADING (SECC 1.2T)	1	1	1
	256-146A	PLATE	INNER AMP (FFH-49)	1	1	1
	256-147A	PLATE	INNER CD (FFH-49)	1	1	1
	265-240A	FOOT	FOOT (BK) H=12	2	2	2
	313M900B	CHASSIS	CHASSIS 38-0059-01		1	1
	313M991A	CHASSIS	CLUTCH(DOWN) 38-0022-01		1	1
	313M991B	CHASSIS	CLUTCH(UP) 38-0021-01		1	1
	3140S-0049A	CHASSIS	MAIN (FFH-49)	1	1	1
	3141SU0049A	CHASSIS ASSY	SUB ASSY MAIN (F-49)		1	1
	3141SU0049B	CHASSIS ASSY	MAIN SUB ASSY(FFH-49 KW1)	1		
	316-666B	REMOCON ASSY	FFH-49L(G/S) SEI-KANG	1		1
	316-666C	REMOCON ASSY	FMH-49A(G/S)SEI-KANG		1	
	318-317A	TRAY	DISC ASSY	1	1	1
	318-318A	TRAY	DISC (LUCKEY ABS XR-401,BK)	1	1	1
	322-321A	SUPPORTER	CLAMP ASSY	1	1	1
	322-322A	SUPPORTER	CLAMP (LEXAN 141,BK)	1	1	1
	322-323A	SUPPORTER	SPRING (LUPOX GP2300,BK)	4	4	4
	322-324A	SUPPORTER	SPRING ASSY	1	1	1
	327-013A	CLAMP	DISC (DURACON M90-44,BK)	1	1	1
	333M900A	LEVER	CONTROL LEVER 37-1506-01		1	1
	333M900B	LEVER	CUE ROD 41-0019-01		1	1
	333M990A	LEVER	LOCK 37-1601-01		1	1
	341-341A	BUSHING	PULLEY (C3604BD-F)	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
	345M900B	RING	E-RING 23-0522-01		1	1
	345M900C	RING	E-RING 23-0322-01		1	1
	345M991A	RING	PIVOT PIN 41-0001-01		1	1
	345M991B	RING	BRASS TUBE 36-0001-01		1	1
	345M992A	RING	PIVOT 37-0902-01		1	1
	345S345A	RING	E (02)	2	2	2
	353-022K	SCREW	* TAPTITE 2X3 FZMY BINDING	1	1	1
	353-028A	SCREW	TAP TITE 2X6 FZMY	1	1	1
	353-052R	SCREW	* TAPPING WASHER 3X12 FZMY-1	1	1	1
	353M901A	SCREW	SCREW 20-0321-10		4	4
	353M902A	SCREW	SCREW 20-0211-05		1	1
	353M902B	SCREW	SCREW 20-0211-05		2	2
	353M902C	SCREW	SHOULD SCREW 20-2612-07		3	3
	353M904A	SCREW	SCREW 20-0211-05		2	2
	353M904B	SCREW	SCREW 20-0321-10		1	1
	353M990A	SCREW	MOUNTING BOLT 20-0516-35		1	1
	353S353A	SCREW	WASHER (09X026L,FZMY)	4	4	4
	353S353B	SCREW	WASHER (012X03X8L,FZMY)	1	1	1
	353S353C	SCREW	+ BIND (03X8L,FBK)	3	3	3
	353S353D	SCREW	SPECIAL (0.2X6L,FBK)	1	1	1
	353S353E	SCREW	+ BIND (03X8L,FBK)	1	1	1
	353S353F	SCREW	+BIND MACHINE (M2.6X4L.FBK)	2	2	2
	354-601D	WASHER	WASHER(D3.2/D12 T0.8)FM-61	2	2	2
	354M902B	WASHER	NYLON WASHER 22-7515-10		1	1
	354M902C	WASHER	WASHER SPINDLE 22-4511-10		1	1
	354M902D	WASHER	CS WASHER 22-0422-01		1	1
	354M902E	WASHER	CS WASHER 22-0322-01		1	1
	354M903A	WASHER	CLIP 38-0014-01		1	1
	354M904A	WASHER	SCREW 20-0351-16		1	1
	354M904B	WASHER	SPEED WASHER 22-0162-01		1	1
	354S354A	WASHER	PLATE (010X03.2X0.5T)	1	1	1
	356-356A	PIN	PULLEY (SUS 303)	1	1	1
	356-357A	PIN	MIDDLE (SUS 303)	1	1	1
	366M900A	ROD	TRIP ROD 41-0009-01		1	1
	3720S-0149D	PANEL	FRONT (FFH-49L BG3)	1		
	3720S-0149E	PANEL	FRONT (FMH-49L KG4)UK			1
	3720S-0149F	PANEL	FRONT (FMH-49A WG5)GSPS		1	
	3720S-0150D	PANEL	BACK (FFH-49L BG3)	1		
	3720S-0150E	PANEL	BACK (FMH-49L KG4)UK			1
	3720S-0150F	PANEL	BACK (FMH-49A WG5)GSPS		1	
	3721SU0149D	PANEL ASSY	FRONT SUB ASSY (FFH-49L BG3)	1		
	3721SU0149E	PANEL ASSY	FRONT SUB AY (FMH-49L KG4)UK			1
	3721SU0149F	PANEL ASSY	FRONT SUB AY(FMH-49A WG5)GSPS		1	
	374-374A	CAM ASSY	UP (DURACON M90-44,BK)	1	1	1
	374-375A	CAM ASSY	DOWN (DURACON M90-44,BK)	1	1	1
	384-064A	GUIDE	MAGNET (EVA 1.5T,BK)	1	1	1
	384-384A	GUIDE	SHAFT(DURACON M90-44,BK)	1	1	1
	386M033B	ARM	DRIVE PLATE 38-0020-01		1	1
	386M900B	ARM	LIFFER 37-1105-01		1	1
	386M901B	ARM	GIMBAL 37-1802-01		1	1
	3874S-5049E	MANUAL, OPERATION	FMH-49L DU4 DSUK			1
	3874S-5049F	MANUAL, OPERATION	FMH-49A WG5 (GSPS)		1	

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
	3875S-5049D	MANUAL, OPERATION ASSY	FFH-49L BG3	1		
	3890S-C036C	BOX	(FFH-49L BG3)	1		
	3890S-C036E	BOX	FMH-49L KG4			1
	3890S-C036F	BOX	(FMH-49A WG5)		1	
	395-021B	HINGE ASSY	BK COATTING+GREASE)		2	2
	410-048A	DECK SUB ASSY	DECK SUB A'Y (FMH-48)		1	
	410-048B	DECK SUB ASSY	FMH-49	1		1
	411-044A	MECHANISM ASSY	CDM-X200	1	1	1
	411-045A	MECHANISM ASSY	KSM-2101AAM (SONY)	1	1	1
	412-480A	DECK MECHANISM ASSY	DECK A'Y (FMH-48)		1	
	412-480B	DECK MECHANISM ASSY	FMH-49	1		1
	413-034A	PLAYER	T/T SUB AY (F-31/38/39/61)		1	1
	413-634A	PLAYER	DR-2300 A/RETURN MM FUNTACH		1	1
	413M900B	PLAYER	TURN TABLE 37-0308-01		1	1
	414-043A	MOTOR	MOTOR ASSY	1	1	1
	414-044A	MOTOR	RF500TB-14415 (MABUCHI)	1	1	1
	414M900A	MOTOR	MOTOR(MATSUSHITA) 18-0006-01		1	1
	415M900B	FAN	BEL 37-9017-01		1	1
	419-112B	DECK MECHANISM	YN-21Z-SW-18 FMH-48	1	1	1
	421-421A	SHAFT ASSY TUNING	BASE (SUS 303)	1	1	1
	423-423A	SHAFT	LOADING (SUS420J2)	1	1	1
	424M900B	SPINDLE	SPINDLE 39-0022-01		1	1
	432-432A	PULLEY	MOTOR (DURACON M90-44,BK)	1	1	1
	432M900B	PULLEY	MOTOR PULLEY 39-0037-01		1	1
	435-435A	GEAR	PULLEY (DURACON M90-44,BK)	1	1	1
	435-436A	GEAR	MIDDLE (NYCON 12,BK)	1	1	1
	435-437A	GEAR	LOADING (DURACON M90-44,BK)	1	1	1
	435M900A	GEAR	CAM GEAR 37-1203-01		1	1
	442-717A	SPRING	ANTI-VIB (SUS 304 WPB, 0.55)	4	4	4
	442-750A	SPRING	DOOR	2	2	2
	442-778A	SPRING	COM (SUS 304PB,00.7)	1	1	1
	442M067B	SPRING	SP-DRIVE PLATE 40-0025-01		1	1
	442M990A	SPRING	MOUNTING SPR 40-0027-03		1	1
	442M990C	SPRING	MOUNTING SPR 40-0027-02		2	2
	442M999A	SPRING	SPRING 40-0001-01		1	1
	442M999B	SPRING	SPRING 40-0018-01		1	1
	444-115A	DAMPER	DAMPER AY (G332, BK)	2	2	2
	447-448B	CUSHION	CUSHION (F-49)	1	1	1
	447-888A	CUSHION	DUST COVER/TOP		2	2
	448-023B	DUST COVER	DUSTCOVER (D-GATE) A-RETURN		1	1
	451-145U	BELT	COUNTER (CR RUBBER)	1	1	1
	472-190D	FELT	FELT (015 T=3.2)	2	2	2
	477-106A	RUBBER	ANTI-VIB (IIR,RUBBER)	4	4	4
	477M900B	RUBBER	MOTOR CUSHION 37-9003-01		3	3
	4810S-0540A	BRACKET	REC (FOR LEAF S/W:CD-540)	1	1	1
	4940S-0280A	KNOB	CD OPEN (FFH-49)	1	1	1
	4940S-0281A	KNOB	PUSH (FFH-49)	1	1	1
	4940S-0281B	KNOB	PUSH (FFH-49)	1	1	1
	4940S-0281C	KNOB	PUSH (FFH-49)	1	1	1
	4940S-0282A	KNOB	TUNER (FFH-49)	1	1	1
	4940S-0283A	KNOB	POWER (FFH-49)	1	1	1
	4940S-0284A	KNOB	PRESET (FFH-49)	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
	4940S-0285A	KNOB	MAIN VR (FFH-49)	1	1	1
	4940S-0286A	KNOB	FUNCTION (FFH-49)	1	1	1
	4940S-0287A	KNOB	DECK (FFH-49)	10	10	10
	4940S-0288A	KNOB	DECK PLAY (FFH-49)	1	1	1
	4940S-0289A	KNOB	CD RANDOM (FFH-49)	1	1	1
	513M900B	PWB	PCB 46-0001-01		1	1
	524-012A	COVER	CLAMP MAGNET (030X018X5T)	1	1	1
	526M900C	CARTIDGE	BODY 16-2102-01B M.M		1	1
	526M900D	CARTIDGE	COVER 16-2102-01D M.M		1	1
	526M900E	CARTIDGE	HEAD SHELL 37-0805-01 M.M		1	1
	526M900F	CARTIDGE	STYLUS 16-2102-01C M.M		1	1
	533-010A	ANTENNA ASSY	ANTENNA FM "T"(W/ROUND TYPE)		1	
	558-006F	SWITCH SPECIAL	MSW-1275	1	1	1
	558-041A	SWITCH SPECIAL	MIC (MSW 18020 MVJ0)	2	2	2
	558M900A	SWITCH SPECIAL	LEAF SWITCH 11-0007-01		1	1
	558M900B	SWITCH SPECIAL	SLIDE SW 11-0018-01		1	1
	562-050B	LUG	LUG,SINDING	1		1
	563-655A	CONNECTOR ASSY	COAX, 300MM	1		1
	563E010A	CONNECTOR ASSY	WAFER (JST S5B-PH(5P))	1	1	1
	591M900A	ADAPTER	EP ADAPTOR 37-1001-01		1	1
	591N010A	ADAPTER	ADAPTER CONVERSION 3S0189B (S)		1	
	632-218E	COIL ANTENNA	COIL ANT LOOP MW(21D) W/O LUG	1	1	1
	641-804D	TRANS POWER	240V 50HZ ZP/YS			1
	641-804Y	TRANS POWER	115/230V 50/60HZ,ZP 300M/M	1	1	
	671M901B	LEAD SET	WIRE 17-2620-05		2	2
	671M902B	LEAD SET	WIRE 17-2640-11		2	2
	671M909A	LEAD SET	WIRE-BLACK 17-2600-11		1	1
	681-005C	CORD POWER	681-004F+B172,300MM,KDK	1	1	
	681-024K	CORD POWER	024F+STOPPER (300MM) MAYOR			1
	6871S-19GAD	PWB ASSY	MAIN (FFH-49L BG3)	1		
	6871S-19GAE	PWB ASSY	PWB ASSY MAIN (FMH-49L KG4)			1
	6871S-19GAF	PWB ASSY	MAIN (FMH-49A WG5)		1	
	6871S-19TAD	PWB ASSY	SUB (FFH-49L BG3)	1		
	6871S-19TAE	PWB ASSY	(FMH-49L KG4)			1
	6871S-19TAF	PWB ASSY	MAIN (FMH-49A WG5)		1	
	6871S-19WAA	PWB ASSY	FMH-49 CD MAIN	1	1	1
	6871SA19TAD	PWB ASSY	FRONT & VOLUME (FFH-49L BG3)	1		
	6871SA19TAE	PWB ASSY	(FMH-49L KG4)			1
	6871SA19TAF	PWB ASSY	FRONT & VOLUME (FMH-49A WG5)		1	
	6871SB19TAA	PWB ASSY	FMH-49 CD KEY	1	1	1
	99T-2783	DECK PARTS	PLAY HEAD MS15R-AA2N1 SM3-0022	1	1	1
	99T-9985	DECK PARTS	E,HEAD LE15A-C1	1	1	1
	99T-9986	DECK PARTS	R.PHEAD SS15R-AA4N1	1	1	1
	99Y-0018	DECK PARTS	POLYSLIDE WASHER(CUT)YN91WI09	2	2	2
	99Y-0019	DECK PARTS	SENSING LEVER YN21ZP B13P	2	2	2
	99Y-0028	DECK PARTS	SENSING LEVER SPR(A)YN21ZS B16	2	2	2
	99Y-0030	DECK PARTS	PAUSE CAM SPR YN21ZS B17	2	2	2
	99Y-0031	DECK PARTS	PAUSE CAP YN21ZP B15	2	2	2
	99Y-0032	DECK PARTS	EJECT KICK ARM YN21ZM B11	2	2	2
	99Y-0049	DECK PARTS	REC.SAFETY LEVER YN83P L02B	1	1	1
	99Y-0050	DECK PARTS	REC.SAFETY LEVERCAPYN83P03A	1	1	1
	99Y-0063	DECK PARTS	R.F BELT YN21ZR G09	2	2	2

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C128	0CN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1	1	1
C129	0CN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1	1	1
C131	0CE1046K618	CAPACITOR,ELECTROLYTIC	0.1M SMS 50V M FL TP(5)	1	1	1
C132	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C133	0CE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C134	0CQ1531N409	CAPACITOR POLYESTER(MY	0.015U 100V J POLY TP	1	1	1
C135	0CE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C136	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C137	0CN5610K518	CAPACITOR TUBULA(HIGH	560P 50V K B TA26	1	1	1
C138	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C139	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C140	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C141	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C142	0CN8220F678	CAPACITOR TUBULA(HIGH	8200P 16V M Y TA26	1	1	1
C143	0CN2220F668	CAPACITOR TUBULA(HIGH	2200P 16V M X TA26	1	1	1
C144	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C145	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C146	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C147	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C148	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C149	0CN2220F668	CAPACITOR TUBULA(HIGH	2200P 16V M X TA26	1	1	1
C150	0CE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C153	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C155	0CN1210K518	CAPACITOR TUBULA(HIGH	120P 50V K B TA26	1	1	1
C156	0CE2266F618	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	1	1	1
C157	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C158	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C160	0CN1040K948	CAPACITOR,TUBULAR(HIGH	0.1UF 50V Z F TA26	1	1	1
C161	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C162	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C163	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C164	0CE2276F618	CAPACITOR,ELECTROLYTIC	220M SMS 16V M FM5 TP(5)	1	1	1
C165	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C166	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C167	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C168	0CE1066H618	CAPACITOR,ELECTROLYTIC	10M SMS 25V M FM5 TP(5)	1	1	1
C169	0CE1066H618	CAPACITOR,ELECTROLYTIC	10M SMS 25V M FM5 TP(5)	1	1	1
C170	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	1	1	1
C171	0CE3386H650	CAPACITOR,ELECTROLYTIC	3300M SMS 25V M FM7.5	1	1	1
C172	0CE3386H650	CAPACITOR,ELECTROLYTIC	3300M SMS 25V M FM7.5	1	1	1
C175	0CQ4731N409	CAPACITOR POLYESTER(MY	0.047U 100V J POLY TP	1	1	1
C176	0CQ4731N409	CAPACITOR POLYESTER(MY	0.047U 100V J POLY TP	1	1	1
C177	0CE2266F618	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	1	1	1
C178	0CN1040K948	CAPACITOR,TUBULAR(HIGH	0.1UF 50V Z F TA26	1	1	1
C179	0CE2276F618	CAPACITOR,ELECTROLYTIC	220M SMS 16V M FM5 TP(5)	1	1	1
C180	0CN1040K948	CAPACITOR,TUBULAR(HIGH	0.1UF 50V Z F TA26	1	1	1
C181	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C182	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C183	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C184	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C185	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C192	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
	99Y-0064	DECK PARTS	POLY WASHER YN91W I08	2	2	2
	99Y-0065	DECK PARTS	FLYSHEEL PULLEY AY(A)A21ZIB	1	1	1
	99Y-0066	DECK PARTS	FLYSHEEL PULLEY AY(B)A21ZIA	1	1	1
	99Y-0067	DECK PARTS	MAIN BELT YN21R F13	2	2	2
	99Y-0189	DECK PARTS	MOTOR EG530YD9BH	1	1	1
	99Y-0423	DECK PARTS	MOTOR PULLEY AY (#82+#97)#130	1	1	1
BD101	0DD604000CA	DIODE	PBPC604,BRIDGE,SILITEK	1	1	1
CF101	616-010B	FILTER CERAMIC	SFE10.7MS3GH(RD) 180K (S)	1	1	1
CF102	616-010B	FILTER CERAMIC	SFE10.7MS3GH(RD) 180K (S)	1	1	1
CF103	616-010B	FILTER CERAMIC	SFE10.7MS3GH(RD) 180K (S)	1		1
CF104	616-020L	FILTER CERAMIC	RESO NATOR,CSB456F15	1	1	1
CN101	561-802J	CONNECTOR	HOUSING,B TO B 52170-1010	1	1	1
CN102	561-802J	CONNECTOR	HOUSING,B TO B 52170-1010	1	1	1
CN103	561-802J	CONNECTOR	HOUSING,B TO B 52170-1010	1	1	1
CN105	561-647J	CONNECTOR	F-WIRE HOLDER MX51052-1000 (S)	1	1	1
CN109	GBE+202J	*CONNECTOR ASSY GS	C,AY GSIL-G05/IL-J05(I21)280(S		1	1
CN801	563-801J	CONNECTOR ASSY	PHR-08/IL-S08 1571 #28 180	1	1	1
CN802	563-706A	CONNECTOR ASSY	JST PHR-08RD/51004-0810 180	1	1	1
CN803	563-801G	CONNECTOR ASSY	GSIL-S05X2 1571 #28 240	1	1	1
CN804	563-801F	CONNECTOR ASSY	GSIL-S04X2 1571 #28 180	1	1	1
CN811	L81=E36W	LEAD SET	FLAT UL2877#24-5 360 W/K-K	1	1	1
	561-647E	CONNECTOR	F-WIRE HOLDER MX51052-0500 (S)	1	1	1
CN906	L81=H15W	LEAD SET	FLAT UL2877#24-8 150 W/K-K	1	1	1
CN907	L81=H15W	LEAD SET	FLAT UL2877#24-8 150 W/K-K	1	1	1
CP808	561-656E	CONNECTOR	WAFER HAN RIM FW-0640-05A(N-N)	1	1	1
CP810	561-650C	CONNECTOR	WAFER HANLIM FWP1145-03R D=1.5	1	1	1
C101	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C102	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C104	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C105	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C106	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C107	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C108	0CX1500K418	CAPACITOR TUBULA(T.C)	15P 50V J NP0 TA26	1	1	1
C109	0CX1000K418	CAPACITOR TUBULA(T.C)	10P 50V J NP0 TA26	1	1	1
C110	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C111	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1		1
C112	0CX4R70K518	CAPACITOR TUBULA(T.C)	4.7P 50V K NP0 TA26	1		1
C113	0CN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1		1
C114	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1		1
C115	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C116	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C117	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C118	0CN2720F668	CAPACITOR TUBULA(HIGH	2700P 16V M X TA26	1	1	1
C119	0CQ2231N409	CAPACITOR POLYESTER(MY	0.022U 100V J POLY TP	1	1	1
C120	0CE3356K618	CAPACITOR,ELECTROLYTIC	3.3M SMS 50V M FL TP(5)	1	1	1
C121	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C122	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C123	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C124	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C125	0CE3346K618	CAPACITOR,ELECTROLYTIC	0.33M SMS 50V M FL TP(5)	1	1	1
C126	0CE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C127	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C521	0CK1030K945	CAPACITOR,CERAMIC(HIGH	0.01UF 50V Z F TS	1	1	1
C522	0CC4710K405	CAPACITOR CERAMIC(TEMP	470P 50V J SL TP	1	1	1
C523	0CC2210K405	CAPACITOR CERAMIC(TEMP	220P 50V J SL TP	1	1	1
C524	0CK1020K945	CAPACITOR,CERAMIC(HIGH	1000P 50V Z F TS	1	1	1
C525	0CC1210K405	CAPACITOR,CERAMIC(TEMP	120P 50V J SL TS	1	1	1
C527	0CC6800K405	CAPACITOR CERAMIC(TEMP	68P 50V J SL TP	1	1	1
C528	0CQ2021R449	CAPACITOR POLYESTER(MY	2000P 250V J PYLN TP	1	1	1
C529	0CQ8221N409	CAPACITOR POLYESTER(MY	0.0082U 100V J POLY TP	1	1	1
C530	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C531	0CQ8221N409	CAPACITOR POLYESTER(MY	0.0082U 100V J POLY TP	1	1	1
C532	0CQ1521N409	CAPACITOR POLYESTER(MY	0.0015U 100V J POLY TP	1	1	1
C533	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C534	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C535	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C536	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C540	0CX6800K408	CAPACITOR TUBULA(T.C)	68P 50V J SL TA26	1	1	1
C542	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C543	0CK2230K945	CAPACITOR CERAMIC(HIGH	0.022M 50V Z F TS	1	1	1
C544	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C571	0CE2266F618	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	1	1	1
C572	0CE3356K618	CAPACITOR,ELECTROLYTIC	3.3M SMS 50V M FL TP(5)	1	1	1
C581	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C582	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C583	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C584	0CK4730K945	CAPACITOR CERAMIC(HIGH	0.047U 50V Z F TS	1	1	1
C585	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C586	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C587	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C589	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C590	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C592	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1		1
C593	0CN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1		1
C594	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1		1
C595	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1		1
C599	0CN1040K948	CAPACITOR,TUBULAR(HIGH	0.1UF 50V Z F TA26			1
C600	0CN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1		1
C601	0CC4710K405	CAPACITOR CERAMIC(TEMP	470P 50V J SL TP	1	1	1
C602	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1		1
C603	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1		1
C604	0CN4720F668	CAPACITOR TUBULA(HIGH	4700P 16V M X TA26	1	1	1
C605	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C606	0CE2266F618	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	1	1	1
C607	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C608	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C610	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C611	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C612	0CE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C613	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C614	0CQ1831N409	CAPACITOR POLYESTER(MY	0.018U 100V J POLY TP	1	1	1
C615	0CE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C616	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C617	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C193	OCN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1		1
C334	OCQ1531N409	CAPACITOR POLYESTER(MY	0.015U 100V J POLY TP	1	1	1
C335	OCE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C336	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C337	OCN5610K518	CAPACITOR TUBULA(HIGH	560P 50V K B TA26	1	1	1
C338	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C339	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C340	OCE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C341	OCE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C342	OCN8220F678	CAPACITOR TUBULA(HIGH	8200P 16V M Y TA26	1	1	1
C343	OCN2220F668	CAPACITOR TUBULA(HIGH	2200P 16V M X TA26	1	1	1
C344	OCE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C346	OCE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C347	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C348	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C349	OCN2220F668	CAPACITOR TUBULA(HIGH	2200P 16V M X TA26	1	1	1
C350	OCE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C353	OCE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C355	OCN1210K518	CAPACITOR TUBULA(HIGH	120P 50V K B TA26	1	1	1
C356	OCE2266F618	CAPACITOR,ELECTROLYTIC	22M SMS 16V M FM5 TP(5)	1	1	1
C359	OCE1066H618	CAPACITOR,ELECTROLYTIC	10M SMS 25V M FM5 TP(5)	1	1	1
C360	OCN1040K948	CAPACITOR,TUBULAR(HIGH	0.1UF 50V Z F TA26	1	1	1
C361	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C362	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C363	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C377	OCE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C381	OCE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C382	OCE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C383	OCE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C384	OCE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C385	OCE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C386	OCN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C387	OCE1066H618	CAPACITOR,ELECTROLYTIC	10M SMS 25V M FM5 TP(5)	1	1	1
C388	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C389	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C390	OCN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C445	OCE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
C501	OCC4710K405	CAPACITOR CERAMIC(TEMP	470P 50V J SL TP	1	1	1
C502	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1		1
C503	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1		1
C504	OCN4720F668	CAPACITOR TUBULA(HIGH	4700P 16V M X TA26	1	1	1
C505	OCE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C506	OCE3356K618	CAPACITOR,ELECTROLYTIC	3.3M SMS 50V M FL TP(5)	1	1	1
C507	OCE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C510	OCN4730K948	CAPACITOR,TUBULAR(HIGH	0.047UF 50V Z F TA26	1	1	1
C511	OCE4766F618	CAPACITOR,ELECTROLYTIC	47M SMS 16V M FL TP(5)	1	1	1
C513	OCE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C514	OCQ1831N409	CAPACITOR POLYESTER(MY	0.018U 100V J POLY TP	1	1	1
C515	OCE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
C516	OCN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C517	OCE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C520	OCK1030K945	CAPACITOR,CERAMIC(HIGH	0.01UF 50V Z F TS	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C820	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C821	0CE2266D618	CAPACITOR,ELECTROLYTIC	22M SMS 10V M FM5 TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C822	0CN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C823	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ1021N409	CAPACITOR POLYESTER(MY	0.001U 100V J POLY TP	1	1	1
C824	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
	0CN4720F668	CAPACITOR TUBULA(HIGH	4700P 16V M X TA26	1	1	1
C825	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C826	0CE3366F618	CAPACITOR,ELECTROLYTIC	33M SMS 16V M FL TP(5)	1	1	1
	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
C827	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C828	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
	0CQ2731N409	CAPACITOR POLYESTER(MY	0.027U 100V J POLY TP	1	1	1
C829	0CE1053K619	CAPACITOR,ELECTROLYTIC	1.0M SRE 50V M FL TP(2.5)	1	1	1
	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
C830	0CN8220F678	CAPACITOR TUBULA(HIGH	8200P 16V M Y TA26	1	1	1
	0CX0100K618	CAPACITOR TUBULA(T.C)	1P 50V M NPO TA26	1	1	1
C831	0CE3343K619	CAPACITOR,ELECTROLYTIC	0.33M SRE 50V M FL TP(2.5)	1	1	1
	0CE3376F618	CAPACITOR,ELECTROLYTIC	330M SMS 16V M FM5 TP5	1	1	1
C832	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
	0CN2720F668	CAPACITOR TUBULA(HIGH	2700P 16V M X TA26	1	1	1
C833	0CE1046K618	CAPACITOR,ELECTROLYTIC	0.1M SMS 50V M FL TP(5)	1	1	1
	0CE3376F618	CAPACITOR,ELECTROLYTIC	330M SMS 16V M FM5 TP5	1	1	1
C834	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
	0CN8210K518	CAPACITOR TUBULA(HIGH	820P 50V K B TA26	1	1	1
C835	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
	0CQ3331N409	CAPACITOR POLYESTER(MY	0.033U 100V J POLY TP	1	1	1
C836	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C837	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
	0CQ8221N409	CAPACITOR POLYESTER(MY	0.0082U 100V J POLY TP	1	1	1
C838	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
C839	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
	0CQ1041N409	CAPACITOR POLYESTER(MY	0.1U 100V J POLY TP	1	1	1
C840	0CE3356K618	CAPACITOR,ELECTROLYTIC	3.3M SMS 50V M FL TP(5)	1	1	1
	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
C841	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C842	0CK2220K945	CAPACITOR CERAMIC(HIGH	2200P 50V Z F TS	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C847	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
C848	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C849	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C850	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C851	0CE4746K618	CAPACITOR,ELECTROLYTIC	0.47M SMS 50V M FL TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C618	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C620	0CK1030K945	CAPACITOR,CERAMIC(HIGH	0.01UF 50V Z F TS	1	1	1
C621	0CK1030K945	CAPACITOR,CERAMIC(HIGH	0.01UF 50V Z F TS	1	1	1
C622	0CC4710K405	CAPACITOR CERAMIC(TEMP	470P 50V J SL TP	1	1	1
C623	0CC2210K405	CAPACITOR CERAMIC(TEMP	220P 50V J SL TP	1	1	1
C624	0CK1020K945	CAPACITOR,CERAMIC(HIGH	1000P 50V Z F TS	1	1	1
C625	0CC1210K405	CAPACITOR,CERAMIC(TEMP	120P 50V J SL TS	1	1	1
C627	0CC6800K405	CAPACITOR CERAMIC(TEMP	68P 50V J SL TP	1	1	1
C640	0CX6800K408	CAPACITOR TUBULA(T.C)	68P 50V J SL TA26	1	1	1
C642	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
C781	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C782	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C783	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C784	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C801	0CE2276D618	CAPACITOR,ELECTROLYTIC	220M SMS 10V M FM5 TP(5)	1	1	1
	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
C802	0CX1800K418	CAPACITOR,TUBULAR(T.C)	18PF 50V J NP0 TA26	1	1	1
	624-034I	CAPACITOR ELECTROLYTIC	GOLD,FM0H104ZTP NEC	1	1	1
C803	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
	0CQ1031N409	CAPACITOR POLYESTER(MY	0.01U 100V J POLY TP	1	1	1
C804	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
	0CQ3331N409	CAPACITOR POLYESTER(MY	0.033U 100V J POLY TP	1	1	1
C805	0CE2266D618	CAPACITOR,ELECTROLYTIC	22M SMS 10V M FM5 TP(5)	1	1	1
	0CQ4721N409	CAPACITOR POLYESTER(MY	0.0047U 100V J POLY TP	1	1	1
C806	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ2231N409	CAPACITOR POLYESTER(MY	0.022U 100V J POLY TP	1	1	1
C807	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
	0CQ1031N409	CAPACITOR POLYESTER(MY	0.01U 100V J POLY TP	1	1	1
C808	0CQ2231N409	CAPACITOR POLYESTER(MY	0.022U 100V J POLY TP	1	1	1
	0CQ3331N409	CAPACITOR POLYESTER(MY	0.033U 100V J POLY TP	1	1	1
C809	0CE4746K618	CAPACITOR,ELECTROLYTIC	0.47M SMS 50V M FL TP(5)	1	1	1
	0CQ2231N409	CAPACITOR POLYESTER(MY	0.022U 100V J POLY TP	1	1	1
C810	0CC3900K405	CAPACITOR CERAMIC(TEMP	39P 50V J SL TP	1	1	1
	0CN1030F678	CAPACITOR TUBULA(HIGH	0.01M 16V M Y TA26	1	1	1
C811	0CC3900K405	CAPACITOR CERAMIC(TEMP	39P 50V J SL TP	1	1	1
	0CN6820F668	CAPACITOR TUBULA(HIGH	6800P 16V M X TA26	1	1	1
C812	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
C813	0CN2220F668	CAPACITOR TUBULA(HIGH	2200P 16V M X TA26	1	1	1
	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C814	0CE2266D618	CAPACITOR,ELECTROLYTIC	22M SMS 10V M FM5 TP(5)	1	1	1
	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C815	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ1041N409	CAPACITOR POLYESTER(MY	0.1U 100V J POLY TP	1	1	1
C816	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ3331N409	CAPACITOR POLYESTER(MY	0.033U 100V J POLY TP	1	1	1
C817	0CE4756K618	CAPACITOR,ELECTROLYTIC	4.7M SMS 50V M FL TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C818	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ1041N409	CAPACITOR POLYESTER(MY	0.1U 100V J POLY TP	1	1	1
C819	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C890	0CE3356K618	CAPACITOR,ELECTROLYTIC	3.3M SMS 50V M FL TP(5)	1	1	1
	0CQ4721N409	CAPACITOR POLYESTER(MY	0.0047U 100V J POLY TP	1	1	1
C891	0CE1076F618	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	1	1	1
	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	1	1	1
C892	0CE4776D618	CAPACITOR,ELECTROLYTIC	470M SMS 10V M FL TP(5)	1	1	1
C893	0CE2286F630	CAPACITOR,ELECTROLYTIC	2200UF SMS 16V 20 FM5	1	1	1
C894	0CE2286F630	CAPACITOR,ELECTROLYTIC	2200UF SMS 16V 20 FM5	1	1	1
C895	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
C896	0CE3356K618	CAPACITOR,ELECTROLYTIC	3.3M SMS 50V M FL TP(5)	1	1	1
C897	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
C898	0CK1040K945	CAPACITOR,CERAMIC(HIGH	0.1UF 50V Z F TS	1	1	1
C900	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C901	0CQ1242N409	CAPACITOR POLYESTER(MY	0.12UU S 100V J POLY TP	1	1	1
C904	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C905	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C906	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
C907	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C909	0CK1020K945	CAPACITOR,CERAMIC(HIGH	1000P 50V Z F TS	1	1	1
C920	0CN1010K518	CAPACITOR TUBULA(HIGH	100P 50V K B TA26	1	1	1
D101	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D102	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1		1
D103	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D104	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D105	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D106	0DD400109DA	DIODE	1N4001,RECT,TP TP ROHM I N	1	1	1
D107	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D108	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D109	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D201	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D202	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D203	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D501	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D502	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D505	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D506	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D507	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D601	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D602	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D801	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D802	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D803	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D804	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D805	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D806	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
	0DD400209BA	DIODE	ROIN4002T1A,RECTRON,TP	1	1	1
D807	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
	0DD400209BA	DIODE	ROIN4002T1A,RECTRON,TP	1	1	1
D808	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
	0DD400209BA	DIODE	ROIN4002T1A,RECTRON,TP	1	1	1
D809	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
	0DD400209BA	DIODE	ROIN4002T1A,RECTRON,TP	1	1	1
D810	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
C852	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ3331N409	CAPACITOR POLYESTER(MY	0.033U 100V J POLY TP	1	1	1
C853	0CC2200K415	CAPACITOR CERAMIC(TEMP	22P 50V J NP0 TS	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C854	0CC2200K415	CAPACITOR CERAMIC(TEMP	22P 50V J NP0 TS	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C855	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C856	0CE4766D618	CAPACITOR,ELECTROLYTIC	47M SMS 10V M FL TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C857	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C858	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C859	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	1	1	1
C860	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	1	1	1
C865	0CE3366D618	CAPACITOR,ELECTROLYTIC	33M SMS 10V M FL TP(5)	1	1	1
C866	0CN2230H948	CAPACITOR,TUBULAR(HIGH	0.022UF 25V Z F TA26	1	1	1
C868	0CE1076D618	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	1	1	1
C870	0CK1020K945	CAPACITOR,CERAMIC(HIGH	1000P 50V Z F TS	1	1	1
C871	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C872	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
C873	0CQ2221N409	CAPACITOR POLYESTER(MY	0.0022U 100V J POLY TP	1	1	1
C874	0CQ2221N409	CAPACITOR POLYESTER(MY	0.0022U 100V J POLY TP	1	1	1
C875	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
	0CQ1021N409	CAPACITOR POLYESTER(MY	0.001U 100V J POLY TP	1	1	1
C876	0CE3363F619	CAPACITOR,ELECTROLYTIC	33M SRE 16V M FL TP2.5	1	1	1
	0CQ1021N409	CAPACITOR POLYESTER(MY	0.001U 100V J POLY TP	1	1	1
C877	0CN4710K518	CAPACITOR TUBULA(HIGH	470P 50V K B TA26	1	1	1
	0CX2000K418	CAPACITOR TUBULA(T.C)	20P 50V J NP0 TA26	1	1	1
C878	0CQ2731N409	CAPACITOR POLYESTER(MY	0.027U 100V J POLY TP	1	1	1
	0CX2000K418	CAPACITOR TUBULA(T.C)	20P 50V J NP0 TA26	1	1	1
C879	0CE1053K619	CAPACITOR,ELECTROLYTIC	1.0M SRE 50V M FL TP(2.5)	1	1	1
C880	0CN8220F678	CAPACITOR TUBULA(HIGH	8200P 16V M Y TA26	1	1	1
C881	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
	0CE3343K619	CAPACITOR,ELECTROLYTIC	0.33M SRE 50V M FL TP(2.5)	1	1	1
C882	0CE1056K618	CAPACITOR,ELECTROLYTIC	1.0M SMS 50V M FL TP(5)	1	1	1
	0CN2720F668	CAPACITOR TUBULA(HIGH	2700P 16V M X TA26	1	1	1
C883	0CE1043K619	CAPACITOR,ELECTROLYTIC	0.1M SRE 50V M FL TP(2.5)	1	1	1
	0CQ6831N409	CAPACITOR POLYESTER(MY	0.068U 100V J POLY TP	1	1	1
C884	0CN8210K518	CAPACITOR TUBULA(HIGH	820P 50V K B TA26	1	1	1
	0CQ6831N409	CAPACITOR POLYESTER(MY	0.068U 100V J POLY TP	1	1	1
C885	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ3331N409	CAPACITOR POLYESTER(MY	0.033U 100V J POLY TP	1	1	1
C886	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CN3310K518	CAPACITOR TUBULA(HIGH	330P 50V K B TA26	1	1	1
C887	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
	0CQ8221N409	CAPACITOR POLYESTER(MY	0.0082U 100V J POLY TP	1	1	1
C888	0CE1066F618	CAPACITOR,ELECTROLYTIC	10M SMS 16V M FM5 TP(5)	1	1	1
	0CN1020K518	CAPACITOR TUBULA(HIGH	1000P 50V K B TA26	1	1	1
C889	0CE2256K618	CAPACITOR,ELECTROLYTIC	2.2M SMS 50V M FL TP(5)	1	1	1
	0CQ4721N409	CAPACITOR POLYESTER(MY	0.0047U 100V J POLY TP	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
IC802	0ISO108200A	IC, SONY	CXA1082BS SERVO SP(CD)SONY	1	1	1
	0ISS228400A	IC,SAMSUNG SEMICONDUCT	,KA2284 5DOT GR EQ S/S	1	1	1
IC803	0IKE690000A	IC, KEC	KIA6900Z (KIA7796Z) KEC	1	1	1
	0INE637600A	IC, NEC	UPD6376CX DAC FOR CD NEC	1	1	1
IC804	0IKE455800A	IC, KEC	KIA4558P 8DIP LIN OP-AMP	1	1	1
IC805	0ISS921100A	IC,SAMSUNG SEMICONDUCT	KS9211 DSP,S/S	1	1	1
IC806	0ISO503410A	IC, SONY	CXP5034H-103S MICOM,SONY	1	1	1
IC807	0ISA652000A	IC, SANYO	LA6520 18W-PWR OP AMPSANYO (S)	1	1	1
IC808	0ISS925600A	IC,SAMSUNG SEMICONDUCT	KA9256 DRIVE CD S/S	1	1	1
IC809	0IMI529400A	IC,MITSUBISHI	M5294P REG 5V(RESET),MITSUBIS	1	1	1
IC810	0IMO780500B	IC, MOTOROLA	MC7805CT (5V REG 1A),MOTOROLA	1	1	1
IC852	0ISS228400A	IC,SAMSUNG SEMICONDUCT	,KA2284 5DOT GR EQ S/S	1	1	1
IC853	0IKE690000A	IC, KEC	KIA6900Z (KIA7796Z) KEC	1	1	1
JK101	561-100F	CONNECTOR	TERMIANL ANT SP-034B		1	
	561-100G	CONNECTOR	TERMIANL ANT SP-035A	1		1
JK102	576-006C	JACK RCA	RCA JACK S-155I	1	1	1
JK103	572-359A	JACK 6.4	SOQ4694-01-4010 H=6.5 9PIN	1	1	1
JK104	561-100E	CONNECTOR	TERMIANL SPEAKER SP-034A	1	1	1
JK105	576-002B	JACK RCA	JACK,BLOCK S-436P-2P(WH/RD)(S)	1		
JK801	576-006D	JACK RCA	RCA JACK S-155J	1	1	1
LCD1	659-152B	DISPLAY	HDL-7422 HANDOK FMH-48	1	1	1
LD801	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD802	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD803	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD804	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD805	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD806	0DL540009AF	DIODE LED	SLR-54URC 80F 215,ROHM	1	1	1
LD807	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD808	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD809	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD810	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD811	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD812	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD813	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD814	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD815	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD816	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD817	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD818	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD857	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD858	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD859	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD860	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD861	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD862	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD863	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD864	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD865	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD866	0DL310009AD	DIODE,LED	SLV-31YC83F215 ROHM-K	1	1	1
LD902	0DL540009AF	DIODE LED	SLR-54URC 80F 215,ROHM	1	1	1
LD903	0DL540009AF	DIODE LED	SLR-54URC 80F 215,ROHM	1	1	1
LD905	0DL540009AF	DIODE LED	SLR-54URC 80F 215,ROHM	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
D811	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D812	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D813	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D815	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D816	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D817	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D818	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1		1
D819	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D821	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D822	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1		1
D823	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D824	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D825	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D826	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D827	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D828	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D829	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D830	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D901	659-023C	DISPLAY	LED,LTD482AG-CE LITON GN 2DGT	1	1	1
D908	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D909	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D910	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
D911	0DD132009AA	DIODE	1SS132 DETECT,SW TP	1	1	1
F101	0FT8000B512	FUSE TIME LAG	0.8A 250V 5.2X20 G U/CS		1	
	0FT8000B513	FUSE TIME LAG	0.8A 250V 5.2X20 G SMK	1		1
F101	586-001C	FUSE HOLDER	PIN-T 5X20 KS (S)	1		1
F102	0FT1601B512	FUSE TIME LAG	1.6A 250V 5.2X20 G U/CS		1	
F103	0FT6300B512	FUSE TIME LAG	0.63A 250V 5.2X20 G U/CS		1	
	0FT6300B513	FUSE TIME LAG	0.63A 250V 5.2X20 G SMK	1		1
F103	586-001C	FUSE HOLDER	PIN-T 5X20 KS (S)	1		1
F104	0FT1000B512	FUSE,TIME LAG	0.1A 250V 5.2X20 G U/CS		1	
	0FT1000B513	FUSE,TIME LAG	0.1A 250V 5.2X20 G SMK	1		1
F104	586-001C	FUSE HOLDER	PIN-T 5X20 KS (S)	1		1
F801	0FT8000B512	FUSE TIME LAG	0.8A 250V 5.2X20 G U/CS		1	
	0FT8000B513	FUSE TIME LAG	0.8A 250V 5.2X20 G SMK	1		1
F802	0FT8000B512	FUSE TIME LAG	0.8A 250V 5.2X20 G U/CS		1	
	0FT8000B513	FUSE TIME LAG	0.8A 250V 5.2X20 G SMK	1		1
IC101	0ISA185100A	IC, SANYO	LA1851N IF+MPX FOR DTS SANYO	1	1	1
IC102	0ISG405200A	IC,SGS-THOMSON	HCF4052BEY 4CH ANALOG MUL,SGS	1	1	1
IC103	0IKE455800A	IC, KEC	KIA4558P 8DIP LIN OP-AMP	1	1	1
IC104	0IKE455800A	IC, KEC	KIA4558P 8DIP LIN OP-AMP	1	1	1
IC105	0IKE455800A	IC, KEC	KIA4558P 8DIP LIN OP-AMP	1	1	1
IC106	0IRH620900B	IC,ROHM	BA6209N MOTOR DRIVER	1	1	1
IC107	0ISG205200A	IC,SGS-THOMSON	TDA2052 PWR 20W,SGS-THOHSON	1	1	1
IC108	0ISG205200A	IC,SGS-THOMSON	TDA2052 PWR 20W,SGS-THOHSON	1	1	1
IC109	0IKE780900C	IC,KEC	KIA7809PI 9V 1A,KEC	1	1	1
IC110	0IKE780900C	IC,KEC	KIA7809PI 9V 1A,KEC	1	1	1
IC111	0IGS790900B	IC, GOLDSTAR ELECTRON	GL7909(9V 1A) REG/VOLTAGE,G/S	1	1	1
IC112	0IKE780500A	IC,KEC	KE7805 3SIP LIN	1	1	1
IC501	0IKE818900A	IC,KEC	KIA8189N(KIA6289N)PREAMP,KEC	1	1	1
IC801	0ISA723200D	IC,SANYO	LC7232N-**** MICOM,SANYO	1	1	1
	0IS0108100A	IC, SONY	CXA1081S RF AMP(CD) SONY (S)	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
Q111	0TR111009AD	TRANSISTOR	KRC111M TP,KEC	1		1
Q112	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1		1
Q113	0TR111009AD	TRANSISTOR	KRC111M TP,KEC	1		1
Q114	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP,KEC	1	1	1
Q115	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP,KEC	1	1	1
Q116	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q117	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	1	1	1
Q118	0TR988000AB	TRANSISTOR	KTB988-Y (KTB834)KEC	1	1	1
Q119	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	1	1	1
Q120	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q201	0TR111009AD	TRANSISTOR	KRC111M TP,KEC	1	1	1
Q202	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q203	0TR111009AD	TRANSISTOR	KRC111M TP,KEC	1	1	1
Q204	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q501	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q502	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q503	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP,KEC	1	1	1
Q504	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q505	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q506	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q507	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q508	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q509	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q510	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q511	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q512	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q513	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	1	1	1
Q514	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q515	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q516	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q517	0TR126609AA	TRANSISTOR	KTA1266-TP-Y (KTA1015) KEC	1	1	1
Q518	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q519	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q520	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q521	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q522	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q523	0TR320209AA	TRANSISTOR	KTC3202-Y (KTC1959) TP KEC	1	1	1
Q524	0TR320509AB	TRANSISTOR	KTC3205-TP-Y (KTC2236A)KEC	1	1	1
Q525	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q526	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q601	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q602	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q603	0TR130209AA	TRANSISTOR	KTD1302 MUTING TP,KEC	1	1	1
Q604	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q618	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q619	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q620	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q621	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q801	0TR126609AB	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	1	1	1
	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q802	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
LPF101	638-102A	COIL TRAP FM	COIL,MPX FILTER 19K, 38K (S)	1	1	1
LPF301	638-102A	COIL TRAP FM	COIL,MPX FILTER 19K, 38K (S)	1	1	1
L101	644-040A	TRANS	PCFMA-157, MW IF TOKO	1	1	1
L102	637N010A	INDUCTOR	RC-875 (0732-000-017) 393K	1	1	1
L103	634-700E	COIL OSCILLATOR	RBW07VB-K5004 MW RF OSC TOKO	1	1	1
L104	634-700D	COIL OSCILLATOR	RBW07VB-K5003 LW RF OSC TOKO	1		1
L201	631T603F	COIL ANTENNA	4EAD CORE,BF45TS-2,6X6X0.8 TDK	1		1
L202	637-601D	INDUCTOR	A187LY-K5006-KR20.8MH TOKO	1		1
L203	631T603F	COIL ANTENNA	4EAD CORE,BF45TS-2,6X6X0.8 TDK	1		1
L204	631T603F	COIL ANTENNA	4EAD CORE,BF45TS-2,6X6X0.8 TDK	1		1
L205	631T603F	COIL ANTENNA	4EAD CORE,BF45TS-2,6X6X0.8 TDK	1		1
L206	631T603F	COIL ANTENNA	4EAD CORE,BF45TS-2,6X6X0.8 TDK	1		1
L207	631T603F	COIL ANTENNA	4EAD CORE,BF45TS-2,6X6X0.8 TDK	1		1
L501	634-600A	COIL OSCILLATOR	TAPE OSC,AUTO TOKO	1	1	1
L502	637-008A	INDUCTOR	R-9124X,33MH(CAP-CORE)	1	1	1
L503	637-008A	INDUCTOR	R-9124X,33MH(CAP-CORE)	1	1	1
L602	637-008A	INDUCTOR	R-9124X,33MH(CAP-CORE)	1	1	1
L603	637-008A	INDUCTOR	R-9124X,33MH(CAP-CORE)	1	1	1
L701	636-403A	COIL CHOKE RF	INDUCTOR,F 3.2UH (S)	1		1
L751	636-403A	COIL CHOKE RF	INDUCTOR,F 3.2UH (S)	1		1
L801	0LA0102K018	INDUCTOR AXIAL LEAD	10M K 2.3X3.4 L5 TP	1	1	1
MVR103	611-646G	RESISTOR VARIABLLE	RK16Y12MA 2M253B	1	1	1
PN101	561-803J	CONNECTOR	WAFER,B TO B 53114-1010	1	1	1
PN102	561-803J	CONNECTOR	WAFER,B TO B 53114-1010	1	1	1
PN103	561-803J	CONNECTOR	WAFER,B TO B 53114-1010	1	1	1
PN104	561-646E	CONNECTOR	CONNECTOR MLX 520110510,05PIN	1	1	1
PN105	561-646J	CONNECTOR	CONNECTOR MLX 520111010,10PIN	1	1	1
PN106	561-650D	CONNECTOR	WAFER HANLIM FWP1145-04R D=1.5	1	1	1
PN107	561-650C	CONNECTOR	WAFER HANLIM FWP1145-03R D=1.5	1	1	1
PN109	561-663B	CONNECTOR	WAFER MOLEX,KOREA 5268-02A	1		
PN501	561-715C	CONNECTOR	WAFER, G/S GO;-G-03P-S3T2-E(S)	1	1	1
PN502	561-715F	CONNECTOR	WAFER,G/S GIL-G-06P-S3T2-EA(S)	1	1	1
PN503	561-715B	CONNECTOR	WAFER, G/S GIL-G-02P-S3T2-E(S)	1	1	1
PN504	561-715J	CONNECTOR	WAFER,G/S GIL-G10P-S3T2-E (S)	1	1	1
PN505	561-715C	CONNECTOR	WAFER, G/S GO;-G-03P-S3T2-E(S)	1	1	1
PN801	561-711H	CONNECTOR	*WAFER,G/S GIL-S-08P-S2T2-EF	1	1	1
PN802	561-685H	CONNECTOR	WAFER,KOREA MOLEX 53014-0810	1	1	1
PN803	561-711D	CONNECTOR	*WAFER,G/S GIL-S-04P-S2T2-EF	1	1	1
PN804	561-711E	CONNECTOR	*WAFER,G/S GIL-S-05P-S2T2-EF	1	1	1
PN806	561-646H	CONNECTOR	CONNECTOR MLX 520110810,08PIN	1	1	1
PN807	561-646H	CONNECTOR	CONNECTOR MLX 520110810,08PIN	1	1	1
P1	561-910C	CONNECTOR	TERMINAL SEMKO PCB-ROCKING		1	1
P2	561-910C	CONNECTOR	TERMINAL SEMKO PCB-ROCKING		1	1
Q101	0TR319209AA	TRANSISTOR	KTC3192-O TP,KEC(KTC380TM-O)	1	1	1
Q102	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q103	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q104	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q105	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q107	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q108	0TR111009AD	TRANSISTOR	KRC111M TP,KEC	1	1	1
Q109	0TR111009AD	TRANSISTOR	KRC111M TP,KEC	1		1
Q110	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1		1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
R135	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R136	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R137	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R138	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R139	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R140	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R141	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R142	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R143	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R144	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R146	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R148	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1		1
R149	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R150	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
R151	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R152	ORD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R153	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R154	ORD3903F608	RESISTOR,FIXED CARBON	390K 1/6W 5 TA26	1	1	1
R155	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R156	ORD1202F608	RESISTOR,FIXED CARBON	12K 1/6W 5 TA26	1	1	1
R157	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R158	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R159	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R160	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R161	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R162	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R163	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R164	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R165	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R167	ORD6801F608	RESISTOR,FIXED CARBON	6.8K 1/6W 5 TA26	1	1	1
R168	ORD3901F608	RESISTOR,FIXED CARBON	3.9K 1/6W 5 TA26	1	1	1
R169	ORD6801F608	RESISTOR,FIXED CARBON	6.8K 1/6W 5 TA26	1	1	1
R170	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R171	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R172	ORD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R173	ORD4702G608	RESISTOR,FIXED CARBON	47K 1/4W 5 TA26	1	1	1
R175	ORN0471H634	RESISTOR FIX METAL FIL	4.7 1/2W 5 MF15	1	1	1
R176	ORD4700G608	RESISTOR,FIXED CARBON	470 1/4W 5 TA26	1	1	1
R177	ORD4700G608	RESISTOR,FIXED CARBON	470 1/4W 5 TA26	1	1	1
R178	ORD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1	1	1
R179	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R181	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R182	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R183	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R184	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R185	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R186	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R187	ORD8200F608	RESISTOR,FIXED CARBON	820 1/6W 5 TA26	1	1	1
R188	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R189	ORD1501G608	RESISTOR,FIXED CARBON	1.5K 1/4W 5 TA26	1	1	1
R190	ORD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
R191	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
Q803	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q804	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
	0TR319809AB	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	1	1	1
Q805	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
	0TR319809AB	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	1	1	1
Q806	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
	0TR319809AB	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	1	1	1
Q807	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
	0TR319809AB	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	1	1	1
Q808	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q809	0TR126609AB	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	1	1	1
Q810	0TR103009AF	TRANSISTOR	KRA103M TP,KEC(KRA2203)	1	1	1
Q811	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q812	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q823	0TR319809AB	TRANSISTOR	KTC3198-TP-GR (KTC1815) KEC	1	1	1
Q824	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q825	0TR103009AE	TRANSISTOR	KRC103M TP,KEC(KRC1203)	1	1	1
Q857	0TR319809AA	TRANSISTOR	KTC3198-Y (KTC1815) TP KEC	1	1	1
Q901	0TR126609AB	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	1	1	1
Q902	0TR126609AB	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	1	1	1
Q903	0TR126609AB	TRANSISTOR	KTA1266-GR TP,KEC(KTA1015GR)	1	1	1
RM801	0IKT070000A	IC,KOREA TECHNO (KOTEC	SG-07 RMC MODULE,KOTECO	1	1	1
R102	0RD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R105	0RD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R106	0RD1500F608	RESISTOR,FIXED CARBON	150 1/6W 5 TA26	1	1	1
R107	0RD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
R108	0RD3300F608	RESISTOR,FIXED CARBON	330 1/6W 5 TA26	1	1	1
R109	0RD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R110	0RD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R111	0RD1200F608	RESISTOR,FIXED CARBON	120 1/6W 5 TA26	1	1	1
R112	0RD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R115	0RD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R116	0RD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1	1	1
R117	0RD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1		1
R118	0RD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1		1
R119	0RD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1		1
R120	0RD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R121	0RD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1		1
R122	0RD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R123	0RD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R124	0RD1202F608	RESISTOR,FIXED CARBON	12K 1/6W 5 TA26	1	1	1
R125	0RD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26		1	
R126	0RD5601F608	RESISTOR,FIXED CARBON	5.6K 1/6W 5 TA26	1	1	1
R127	0RD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R128	0RD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R129	0RD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R130	0RD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R131	0RD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R132	0RD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R133	0RD0472G608	RESISTOR,FIXED CARBON	47 1/4W 5 TA26	1	1	1
R134	0RD6801F608	RESISTOR,FIXED CARBON	6.8K 1/6W 5 TA26	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
R523	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R524	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R525	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R526	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R527	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R528	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R529	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R530	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R531	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R533	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R534	ORD5601F608	RESISTOR,FIXED CARBON	5.6K 1/6W 5 TA26	1	1	1
R537	ORD5601F608	RESISTOR,FIXED CARBON	5.6K 1/6W 5 TA26	1	1	1
R540	ORD3901F608	RESISTOR,FIXED CARBON	3.9K 1/6W 5 TA26	1	1	1
R543	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R544	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R545	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R547	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R548	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R549	ORD5601F608	RESISTOR,FIXED CARBON	5.6K 1/6W 5 TA26	1	1	1
R550	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R551	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R552	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R553	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R554	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R555	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R556	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R557	ORD2702F608	RESISTOR,FIXED CARBON	27K 1/6W 5 TA26	1	1	1
R558	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R559	ORD2702F608	RESISTOR,FIXED CARBON	27K 1/6W 5 TA26	1	1	1
R560	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R561	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R562	ORD1201F608	RESISTOR,FIXED CARBON	1.2K 1/6W 5 TA26	1	1	1
R563	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R564	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R565	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R566	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R567	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R571	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R572	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R573	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R574	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R575	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R577	ORD1202F608	RESISTOR,FIXED CARBON	12K 1/6W 5 TA26	1	1	1
R578	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R579	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R580	ORD6802F608	RESISTOR,FIXED CARBON	68K 1/6W 5 TA26	1	1	1
R581	ORD18Q1G608	RESISTOR,FIXED CARBON	1.8K 1/4W 5 TA26	1	1	1
R582	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R601	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R604	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R605	ORD6803F608	RESISTOR,FIXED CARBON	680K 1/6W 5 TA26	1	1	1
R606	ORD3902F608	RESISTOR,FIXED CARBON	39K 1/6W 5 TA26	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
R200	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R341	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R342	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R343	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R344	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R349	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R350	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
R351	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R352	ORD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R353	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R354	ORD3903F608	RESISTOR,FIXED CARBON	390K 1/6W 5 TA26	1	1	1
R355	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R356	ORD1202F608	RESISTOR,FIXED CARBON	12K 1/6W 5 TA26	1	1	1
R357	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R358	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R359	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R360	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R361	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R362	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R363	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R364	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R368	ORD3901F608	RESISTOR,FIXED CARBON	3.9K 1/6W 5 TA26	1	1	1
R370	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R371	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R372	ORD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R373	ORD4702G608	RESISTOR,FIXED CARBON	47K 1/4W 5 TA26	1	1	1
R374	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R375	ORN0471H634	RESISTOR FIX METAL FIL	4.7 1/2W 5 MF15	1	1	1
R376	ORD4700G608	RESISTOR,FIXED CARBON	470 1/4W 5 TA26	1	1	1
R377	ORD4700G608	RESISTOR,FIXED CARBON	470 1/4W 5 TA26	1	1	1
R383	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R384	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R385	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R386	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R501	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R504	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R505	ORD6803F608	RESISTOR,FIXED CARBON	680K 1/6W 5 TA26	1	1	1
R506	ORD3902F608	RESISTOR,FIXED CARBON	39K 1/6W 5 TA26	1	1	1
R507	ORD2702F608	RESISTOR,FIXED CARBON	27K 1/6W 5 TA26	1	1	1
R508	ORD1801F608	RESISTOR,FIXED CARBON	1.8K 1/6W 5 TA26	1	1	1
R509	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R511	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R512	ORD1801F608	RESISTOR,FIXED CARBON	1.8K 1/6W 5 TA26	1	1	1
R513	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R514	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R516	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R517	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R518	ORD3902F608	RESISTOR,FIXED CARBON	39K 1/6W 5 TA26	1	1	1
R519	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R520	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R521	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R522	ORD3902F608	RESISTOR,FIXED CARBON	39K 1/6W 5 TA26	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
	ORD1802F608	RESISTOR,FIXED CARBON	18K 1/6W 5 TA26	1	1	1
R813	ORD0682F608	RESISTOR,FIXED CARBON	68 1/6W 5 TA26	1	1	1
	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R814	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
	ORD6202F608	RESISTOR,FIXED CARBON	62K 1/6W 5 TA26	1	1	1
R815	ORD3300F608	RESISTOR,FIXED CARBON	330 1/6W 5 TA26	1	1	1
	ORD6801F608	RESISTOR,FIXED CARBON	6.8K 1/6W 5 TA26	1	1	1
R816	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R817	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
	ORD5103F608	RESISTOR,FIXED CARBON	510K 1/6W 5 TA26	1	1	1
R818	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
	ORD8202F608	RESISTOR,FIXED CARBON	82K 1/6W 5 TA26	1	1	1
R819	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
	ORN3321F408	RESISTOR,FIX METAL FIL	3.32K 1/6W 1 TA26	1	1	1
R820	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
R821	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
R822	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R823	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R824	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R825	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R826	ORN1003F408	RESISTOR FIX METAL FIL	100K 1/6W 1 TA26	1	1	1
R827	ORD0912F608	RESISTOR,FIXED CARBON	91 1/6W 5 TA26	1	1	1
	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R828	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
	ORN1003F408	RESISTOR FIX METAL FIL	100K 1/6W 1 TA26	1	1	1
R829	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R830	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R831	ORD0222F608	RESISTOR,FIXED CARBON	22 1/6W 5 TA26	1	1	1
R832	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R833	ORD2703G608	RESISTOR,FIXED CARBON	270K 1/4W 5 TA26	1	1	1
R834	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R835	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R836	ORD0221F608	RESISTOR,FIXED CARBON	2.2 1/6W 5 TA26	1	1	1
R837	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R838	ORD3901F608	RESISTOR,FIXED CARBON	3.9K 1/6W 5 TA26	1	1	1
R839	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R840	ORD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1	1	1
R841	ORD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1	1	1
R842	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R843	ORD0221F608	RESISTOR,FIXED CARBON	2.2 1/6W 5 TA26	1	1	1
R844	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R845	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R846	ORD5602G608	RESISTOR,FIXED CARBON	56K 1/4W 5 TA26	1	1	1
R849	ORD0102F608	RESISTOR,FIXED CARBON	10 1/6W 5 TA26	1	1	1
R851	ORD1004F608	RESISTOR,FIXED CARBON	1.0M 1/6W 5 TA26	1	1	1
R852	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R853	ORD1003G608	RESISTOR,FIXED CARBON	100K 1/4W 5 TA26	1	1	1

[REPLACEMENT PARTS LIST]

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
R607	ORD2702F608	RESISTOR,FIXED CARBON	27K 1/6W 5 TA26	1	1	1
R608	ORD1801F608	RESISTOR,FIXED CARBON	1.8K 1/6W 5 TA26	1	1	1
R609	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R610	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R611	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R612	ORD1801F608	RESISTOR,FIXED CARBON	1.8K 1/6W 5 TA26	1	1	1
R613	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R614	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R615	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R616	ORD3302F608	RESISTOR,FIXED CARBON	33K 1/6W 5 TA26	1	1	1
R617	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R618	ORD3902F608	RESISTOR,FIXED CARBON	39K 1/6W 5 TA26	1	1	1
R619	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R620	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R621	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R622	ORD3902F608	RESISTOR,FIXED CARBON	39K 1/6W 5 TA26	1	1	1
R623	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R624	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R625	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R626	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R627	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R628	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R629	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R652	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R653	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R654	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R655	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R656	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R657	ORD2702F608	RESISTOR,FIXED CARBON	27K 1/6W 5 TA26	1	1	1
R666	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R801	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R802	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R803	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
	ORD8201F608	RESISTOR,FIXED CARBON	8.2K 1/6W 5 TA26	1	1	1
R804	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD1602F608	RESISTOR,FIXED CARBON	16K 1/6W 5 TA26	1	1	1
R805	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R806	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
R807	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R808	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
R809	ORD3300F608	RESISTOR,FIXED CARBON	330 1/6W 5 TA26	1	1	1
	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R810	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R811	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD1802F608	RESISTOR,FIXED CARBON	18K 1/6W 5 TA26	1	1	1
R812	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
SW107	554-626J	SWITCH PUSH	SPUN34X1T013	1	1	1
SW801	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW802	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW803	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW804	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW805	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW806	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW808	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW809	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW812	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW813	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW814	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW815	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW816	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW817	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW818	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW819	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW820	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW821	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW901	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW902	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW903	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW904	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW905	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW908	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW909	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW910	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
SW911	558T026A	SWITCH SPECIAL	TACT EVQ-214 04M H=4.3 TP	1	1	1
TUN101	521-026X	TUNER RADIO CAR	FE417-G02 MITSUMI	1		1
	521-026Y	TUNER RADIO CAR	FE340-A01 MITSUMI		1	
T101	647-014E	DISCRIMINATOR	DISC FM 7 (LA1851N)	1	1	1
VR101	ORV1103D230	VARIABLE RESISTOR,CARB	10K 6 ST P3 L2.5 5	1	1	1
VR102	ORV1223D230	VARIABLE RESISTOR,CARB	22K 6 ST P3 L2.5 5	1	1	1
VR542	ORV1102D230	VARIABLE RESISTOR,CARB	1.0K 6 ST P3 L2.5 5	1	1	1
VR801	613S008J	RESISTOR SEMI-FIXED	EVA-D8N A02 BE4 (22KB) STICK	1	1	1
VR802	613S008A	RESISTOR SEMI-FIXED	EVN-D8N A02 BQ3 (4.7KB) STICK	1	1	1
VR803	613S008J	RESISTOR SEMI-FIXED	EVA-D8N A02 BE4 (22KB) STICK	1	1	1
VR804	613S008J	RESISTOR SEMI-FIXED	EVA-D8N A02 BE4 (22KB) STICK	1	1	1
VR805	613S008B	RESISTOR SEMI-FIXED	EVN-D8N A02 B13 (1KB) STICK	1	1	1
VR822	612-630F	RESISTOR SLIDE	RS20H123D10314W	1	1	1
VR823	612-630F	RESISTOR SLIDE	RS20H123D10314W	1	1	1
VR824	612-630F	RESISTOR SLIDE	RS20H123D10314W	1	1	1
VR825	612-630F	RESISTOR SLIDE	RS20H123D10314W	1	1	1
VR826	612-630F	RESISTOR SLIDE	RS20H123D10314W	1	1	1
X801	617T601D	CRYSTAL	4.5000000MHZ HC-18U	1	1	1
	617T605M	CRYSTAL	8.4672MHZ HYOSUNG	1	1	1
ZD102	0DZ130009AE	DIODE,ZENER	MTZ13C-T-77 ROHM-K	1	1	1
ZD103	0DZ510009HA	DIODE,ZENER	MTZ5.1-B T-77 5.1V TP,ROHM/K	1	1	1
ZD104	0DZ510009HA	DIODE,ZENER	MTZ5.1-B T-77 5.1V TP,ROHM/K	1	1	1
ZD105	0DZ560009FA	DIODE,ZENER	MTZ5.6-B T-77 5.6V TP,ROHM/K	1	1	1
ZD801	0DZ620009EA	DIODE,ZENER	MTZ6.2-B T-77 6.2V TP,ROHM/K	1	1	1
ZD802	0DZ750009DD	DIODE,ZENER	MTZ7.5C-T-77 ROHM-K	1	1	1

*** END OF DATA ***

LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	FFH-49L GSDG	FMH-49A GSPS PANAM	FMH-49L GS U.K. IN
R854	ORD1001F608	RESISTOR,FIXED CARBON	1.0K 1/6W 5 TA26	1	1	1
R855	ORD1800F608	RESISTOR,FIXED CARBON	180 1/6W 5 TA26	1	1	1
R856	ORD1800F608	RESISTOR,FIXED CARBON	180 1/6W 5 TA26	1	1	1
R860	ORD1001G608	RESISTOR,FIXED CARBON	1.0K 1/4W 5 TA26	1	1	1
R863	ORD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
R864	ORD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
R865	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R866	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R867	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
	ORD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1	1	1
R868	ORD2202F608	RESISTOR,FIXED CARBON	22K 1/6W 5 TA26	1	1	1
	ORD5602F608	RESISTOR,FIXED CARBON	56K 1/6W 5 TA26	1	1	1
R869	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
R870	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
	ORD2201F608	RESISTOR,FIXED CARBON	2.2K 1/6W 5 TA26	1	1	1
R871	ORD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R872	ORD4702F608	RESISTOR,FIXED CARBON	47K 1/6W 5 TA26	1	1	1
R873	ORD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R874	ORD5600F608	RESISTOR,FIXED CARBON	560 1/6W 5 TA26	1	1	1
R875	ORD2200F608	RESISTOR,FIXED CARBON	220 1/6W 5 TA26	1	1	1
R876	ORD2200F608	RESISTOR,FIXED CARBON	220 1/6W 5 TA26	1	1	1
R877	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R878	ORD1502F608	RESISTOR,FIXED CARBON	15K 1/6W 5 TA26	1	1	1
	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R879	ORD4703F608	RESISTOR,FIXED CARBON	470K 1/6W 5 TA26	1	1	1
R880	ORD4703F608	RESISTOR,FIXED CARBON	470K 1/6W 5 TA26	1	1	1
R881	ORD4700F608	RESISTOR,FIXED CARBON	470 1/6W 5 TA26	1	1	1
R882	ORD4700F608	RESISTOR,FIXED CARBON	470 1/6W 5 TA26	1	1	1
R883	ORD4701G608	RESISTOR,FIXED CARBON	4.7K 1/4W 5 TA26	1	1	1
R884	ORD4701F608	RESISTOR,FIXED CARBON	4.7K 1/6W 5 TA26	1	1	1
R885	ORD1001G608	RESISTOR,FIXED CARBON	1.0K 1/4W 5 TA26	1	1	1
R887	ORD1800G608	RESISTOR,FIXED CARBON	180 1/4W 5 TA26	1	1	1
R888	ORD4702G608	RESISTOR,FIXED CARBON	47K 1/4W 5 TA26	1	1	1
R889	ORD1003F608	RESISTOR,FIXED CARBON	100K 1/6W 5 TA26	1	1	1
R890	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R891	ORD1001G608	RESISTOR,FIXED CARBON	1.0K 1/4W 5 TA26	1	1	1
R892	ORD1001G608	RESISTOR,FIXED CARBON	1.0K 1/4W 5 TA26	1	1	1
R893	ORD1002F608	RESISTOR,FIXED CARBON	10K 1/6W 5 TA26	1	1	1
R895	ORD3301F608	RESISTOR,FIXED CARBON	3.3K 1/6W 5 TA26	1	1	1
R901	ORD2201G608	RESISTOR,FIXED CARBON	2.2K 1/4W 5 TA26	1	1	1
R902	ORD2201G608	RESISTOR,FIXED CARBON	2.2K 1/4W 5 TA26	1	1	1
R903	ORD2201G608	RESISTOR,FIXED CARBON	2.2K 1/4W 5 TA26	1	1	1
R904	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R905	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R906	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R907	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R908	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R909	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
R910	ORD1000F608	RESISTOR,FIXED CARBON	100 1/6W 5 TA26	1	1	1
SW101	552-625B	SWITCH SLIDE	.V/S 00120353(W/O LABEL)		1	